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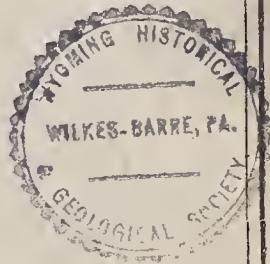
GENERAL BULLETIN No. 403

# FEEDING STUFFS REPORT 1924

JAMES W. KELLOGG

Ass't Director—Chief Chemist

BUREAU OF FOODS AND CHEMISTRY



F. P. Willits, Secretary of Agriculture.

Published monthly by direction of the Secretary. Entered as second class matter, March 22, 1918, at the Post Office at Harrisburg, Pa., under the Act of June 6, 1900  
Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on June 29, 1918.

Harrisburg, Pa.  
1924.

# PENNSYLVANIA DEPARTMENT OF AGRICULTURE.

## Organization and Services.

FRANK P. WILLITS, *Secretary*

JOHN M. McKEE, *Deputy Secretary.*

This Department is essentially a service agency created by legislative enactment to deal with administrative, regulatory, investigational, and educational problems which can best be solved through public rather than individual action. The organization provides for coordination and cooperation with the Pennsylvania State College and the U. S. Department of Agriculture. The Department operates through the following bureaus:

### ANIMAL INDUSTRY:

T. E. MUNCE, *Director and State Veterinarian.*

Prevents and eradicates transmissible diseases of animals and poultry, including tuberculosis of animals in cooperation with Federal Government.

Demonstrates to veterinarians control methods for transmissible animal diseases; Supervises vaccination for and the prevention of hog cholera, anthrax, black leg and hemorrhagic septicemia;

Protects public from unwholesome meats through ante and post mortem examinations of animals at slaughtering establishments;

Inspects, licenses and furnishes information as to breeding, soundness and conformation of stallions and jacks standing for public service;

Enforces law requiring licensing of dogs and providing for protection of livestock and people from attacks of uncontrolled dogs;

Maintains laboratory for diagnostic research and experimental projects.

### PLANT INDUSTRY:

C. H. HADLEY, *Director.*

Tests agricultural seeds for purity and germination, and enforces State Seed Law;

Inspects orchards, parks, farms, and plant imports for injurious insects and plant diseases;

Inspects and licenses Pennsylvania nurseries, and licenses all dealers in nursery stock;

Enforces laws governing agricultural practices, disease control and housing;

Places and enforces quarantines and carries on eradication campaigns against insect pests and plant diseases;

Inspects and certifies potatoes for seed purposes;

Makes investigations for the control of injurious insects and plant diseases including field tests of insecticides, fungicides and weed killers;

Maintains collections of insects, plant diseases, plants, and seeds, and identifies specimens.

### FOODS AND CHEMISTRY:

JAMES FOUST, *Director.*

Accomplishes its purpose of protecting Pennsylvania homes against harmful foodstuffs by sampling, analyzing, and bringing prosecution under the laws relating to foods and non-alcoholic drinks, including milk, cream, butter, ice-cream, eggs, sausage, fresh meats, soft drinks, fruit syrups, vinegar and kindred food products;

Regulates and issues licenses for the manufacture and sale of oleomargarine;

Licenses and regulates egg-opening plants and cold storage warehouses, maintaining regular inspection and enforcing twelve-month storage limit;

Inspects milk plants and creameries and regulates weighing, testing, buying and selling of milk and cream on a butterfat basis;

Protects honest manufacturers, importers, selling agents and ultimate users of feeding stuffs, fertilizers, lime products, linseed oil, paint, putty, turpentine, insecticides and fungicides, by means of annual registrations followed by inspections, analyses, prosecutions and the publication of the analyses of these products;

Analyses special samples for residents of the State at the rate of \$1.00 a sample for feeding stuffs, lime products and linseed oils.

### MARKETS:

P. R. TAYLOR, *Director.*

Investigates and assists in the marketing of farm products; at present chiefly grain and hay, fruits and vegetables, poultry and eggs, and tobacco;

Compiles and distributes daily market information as to supplies, shipments and prices;

Advises growers on transportation of agricultural products;

Assists cooperative associations and public markets;

Establishes standard grades of farm products and maintains inspection;

### STATISTICS:

L. H. WIBLE, *Director.*

Assembles and disseminates essential statistics and facts pertaining to the agriculture of the State, from monthly reports rendered by hundreds of volunteer crop correspondents, information which assists the producer in his sales and interests all industries which deal with agricultural products;

Cooperates with U. S. Bureau of Agricultural Economics in joint crop and livestock reporting and publishes annual and monthly summaries of the data;

Compiles dates of county and local fairs and assembles data pertaining to their success and results during each year.

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## LETTER OF TRANSMITTAL.

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PENNSYLVANIA DEPARTMENT OF AGRICULTURE  
Bureau of Foods and Chemistry.

Harrisburg, April 18, 1925.

Hon. F. P. Willits,  
Secretary of Agriculture,  
Harrisburg, Pa.

Dear Sir:—I have the honor to transmit herewith for your approval a report showing in tabular form the results of chemical analyses and microscopical examinations of the official samples of Feeding Stuffs which were selected by the Special Agents from retail selling Agents and Manufacturers throughout the State and analyzed by this Bureau during 1924, as required by the Feeding Stuffs Law, Act of May 3rd, 1909, as amended May 11th, 1921, and March 19th, 1923. There is also included a list of the brands of feeding stuffs registered for 1925 sales, prior to April 1st, 1925.

It is recommended that this report be published in bulletin form for distribution.

Very respectfully,

JAMES W. KELLOGG,  
Asst. Director-Chief Chemist.

# FEEDING STUFFS REPORT

## 1924

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### INTRODUCTION.

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As provided for by the Law regulating the sale of Feeding Stuff, the Special Agents of the Bureau visited retail selling Agents as well as Manufacturers throughout the State and selected from stock on hand, as found being offered for sale, 1061 official samples of feeding stuffs, which, accompanied by reports for each, were submitted for examination in order to determine whether or not the guarantees for nutritive values and statements of compositions were correct, as found printed upon sacks, attached cards or cards attached to bins in the case of bulk sales.

They represented 771 different kinds and brands, the output of 313 Manufacturing, Jobbing and Importing firms. During the year there were also analyzed 539 special samples of feeding stuffs, submitted by residents of the State, accompanied by the fee required to be charged, the results obtained, together with such information as was requested, being promptly reported. As these samples were submitted for the purpose of private information the results of analyses are not included in this report.

There were registered for 1924 sales by 955 Manufacturing, Importing and Jobbing firms 3180 different kinds and brands of materials for which 1178 licenses were issued. Owing to the time required in preparing this report for printing and the necessary delay in publication as well as cost of printing, it was not deemed desirable to include complete list of feeds registered for 1924 in this report. As, however, the feeding stuffs registered for 1925, prior to April 1st, 1925, would be more up to date at the time this report can be printed for distribution, this more recent list is included in this report. This list will be obviously incomplete for 1925 because of registrations being continually submitted during the year. Up to April 1st 814 Manufacturing, Jobbing and Importing firms registered 2720 brands and kinds of feeding stuffs for 1925 sales.

Because of many requests for the average composition, digestion coefficients and energy values of feeding stuffs, Table No. III, show-

ing these average analyses and net energy values, is also included. All of the brands represented by the samples obtained during the year were classified according to their composition and the purpose for which they were intended to be used and where two or more samples of the same kind or brand were obtained, results of analyses and retail selling values were averaged. This classification, together with a summary of the deficiencies in each class, will be found in Table 1 and the average results of analyses and retail selling values will be found in Table II. In the large Table, No. IV, will be found the results of chemical analyses and microscopical examinations in detail.

## CONCLUSIONS.

All of the official samples received from the Agents were analyzed chemically for moisture, protein, fat and fiber and examined microscopically in order to determine the correctness of guarantees for these nutrients and for compositions and also for the presence of possible foreign ingredients or adulterants. Of the total number received 921 samples were obtained from shipments which were labelled with the guaranteed analyses, as required. Most of those not guaranteed were single grain chops or mixtures of whole grains, having no trade or brand names, thereby being exempt from this requirement. Of those guaranteed, 67, or 7.3 per cent., were found, upon analysis, to fall 1 per cent. or more below their guarantees in protein and .50 per cent. or more below their fat guarantees. Only 1 sample was found deficient in both protein and fat, however 35, or 3.8 per cent., of those guaranteed were found to be deficient in protein and 33, or 3.6 per cent., were deficient in fat. This total number of deficiencies was less than reported for 1922 of 8.2 per cent., and for 1923 of 12.3 per cent., of the totals guaranteed.

Nearly one-half, or 497, of the total samples were Proprietary Dairy, Stock, Horse and Mule, Poultry and Miscellaneous Mixed Feeds. Of this number of mixtures 58.9 per cent. were found, upon microscopical examination for declared ingredients, to be "As certified." There were 54, or 10.9 per cent., of these mixtures where the compositions were found incorrect because of missing by-products, the substitution of one ingredient for another or the absence of Salt, which made up a large proportion of the missing ingredients, and 84, or 16.9 per cent., of these Mixed Feeds were found to contain ingredients in addition to those claimed, such as small amounts of by-product materials and small amounts of ground grain screenings and small whole weed seeds. There were also 192, or 20.5 per cent., of these feeds, which had incorrect compositions as certain claimed by-products were missing, substitution of one declared by-product



for another not claimed and 2 samples were adulterated with large amounts of whole weed seeds. Considering each class of Mixed Feeds separately about the same proportion, or slightly more than half of them, were found, upon microscopical examination, to be "As certified." The number which were deficient in protein and fat or contained excessive amounts of crude fiber was proportionately low and numbered 31 samples. The failure to include in Mixed Feeds one important ingredient, especially where such ingredients are supposed to be used in a large proportion, or the substitution of one ingredient for another, particularly when the substituted product is of lower feeding value, is not only a clear violation of the law but in most cases, more especially when the guarantees for protein and fat are not met, manifestly lowers the quality and feeding value of the mixture in which such substitutions are made or where important ingredients are not included. Purchasers of Mixed Feeds, therefore, would do well, in order to be assured of the feeding value which such feeds are understood to contain, to purchase those brands which consistently show, as a result of analyses and microscopical examinations, the least proportion of variations from the claims made.

Considering all of the samples examined, judging from the results obtained, the slight decrease in deficiencies, compared with those noted for the previous year's inspection work, indicates more care in guaranteeing the products offered for sale during 1924. The large proportion of variations from claimed compositions in the case of the Mixed Feeds, however, shows a very unsatisfactory condition with respect to such brands and a lack of consideration for the purchasers in not being supplied with feeding stuffs exactly as guaranteed and registered. In only a few cases were metal fasteners found being used in attaching cards to sacks. Of the total number of samples selected 20 brands were represented which had not been registered. The failure to promptly register each brand of feed before it is offered for sale causes the selling Agents to be held responsible for violating the law in this respect and makes it necessary for the Bureau to order presecution in such cases. As a result of the deficiencies, excessive amounts of fiber and the failure to state the correct composition in the case of Mixed Feeds and for failure to register certain brands as required, it became necessary to order more prosecutions than during the preceding year.

Compared with the figures reported for the 1923 inspection the average retail selling values for the several classes of feeds, represented by the samples included in this report, do not show marked variations. The 159 samples of Proprietary Dairy Feeds averaged \$49.49 a ton compared with the average of 186 samples of \$50.22 a ton for 1923. The Scratch Feeds averaged \$55.26 and the Mash Feeds

\$66.85 a ton compared with \$53.63 and \$66.15 a ton respectively for 1923 shipments. These average retail selling values for each class will be found in Table II.

### ACKNOWLEDGEMENTS.

The immediate supervision of the analytical work was in charge of Mr. V. B. Hausknecht, First Assistant Chemist, and Mr. H. E. Gensler, Assistant Chemist-Microanalyst, had charge of the reception of all official samples, examined each sample microscopically and made all duplicate analyses and check determinations, where required.

The compilation and preparation of Tables and assembling of necessary data for this report was performed by Mr. W. E. Huber, Bookkeeper, and the following Assistant Chemists took part in the chemical analyses: Messrs. G. J. Kuhlmann, Jr., and R. L. Houtz. Samples were prepared for analysis by Mr. W. W. Cassel, Laboratory Assistant.

# BRANDS OF FEEDING STUFFS REGISTERED FOR 1925 PRIOR TO APRIL 1, 1925

- Aberdeen Mill Co., Aberdeen, South Dakota.  
Standard Middlings with Ground Screenings not exceeding Mill Run.  
Pure Wheat Bran,  
Pure Red Dog or Low Grade.
- Abilene Flour Mills Company, Abilene, Kansas.  
Pure Wheat Bran,  
Pure Wheat Gray Shorts
- Ackermanville Milling Co., Ackermanville, Penna.  
Mixed Feed.
- Acme Milling Company, Olean, N. Y.  
Acme Brand Dairy Ration,  
Acme Brand Dry Mash,  
Acme Brand Mixed Chicken Feed,  
Acme Brand Acme Feed,  
Yellow Corn Feed Meal,  
Pure Corn & Oat Feed.
- Acme-Evans Company, Indianapolis, Indiana.  
Acme Dairy Feed,  
Acme Feed,  
Acme Scratch,  
D-Light-U Scratch,  
Producer Scratch,  
Acme Egg Mash,  
D-Light-U Dairy Feed,  
Acme C-O & B Chop,  
Producer Chop,  
Acme Stock Feed,  
Acme Sugared Stock Feed,  
Homlik,  
Acme Wheat Middlings and not exceeding Mills Run of Ground Cleaned  
Wheat Screenings,  
Acme Wheat Bran and not exceeding Mills Run of Ground Cleaned Wheat  
Screenings,  
Acme Wheat Reddog Flour.
- Adler Bros., Altoona, Pa.  
Adler's Scratch Feed.
- Akron Feed & Milling Co., The, Akron, Ohio.  
Portage Flour Middlings,  
Portage Scratch Feed.
- Aldenville Grist Mill, Aldenville, Pa.  
Pure Corn and Oat Chop No. 1.
- Allen, O. A., Alderson, Pa.  
"Al" Chop (Corn and Oats),  
"Al" Pure Corn Meal.
- Allen Milling Company, Niagra Falls, N. Y.  
Allen's Full-Pail Dairy Feed,  
Allen's Full-Nest Nutro Growing Mash with Buttermilk,  
Allen's Full-Nest Mash for layers with Buttermilk,  
Allen's Full-Nest Starting Mash with Buttermilk,  
Allen's Full-Nest Nursery Chick Food,  
Allen's Full-Nest Growing Chick Food,  
Allen's Full-Nest Quality Scratch Food.
- Allen & Wheeler Co., The, Troy, Ohio.  
Trojan Pure Wheat Bran.  
Trojan Fine Soft Wheat Middlings with Mill Run of Ground Screenings.
- Allentown Mfg. Co., The, Allentown, Penna.  
Jordan Meat Scrap—50% Protein.

American Agricultural Chemical Company, The, New York, N. Y.  
 Protox Meat & Bone Scrap—55% Protein,  
 Big 50 Meat & Bone Scrap,  
 Capital Meat & Bone Scrap—45% Protein.

American Linseed Company, New York, N. Y.  
 Alenco Old Process Linseed Meal—34% Protein.  
 American Maize Products Company, New York, N. Y.  
 Cream of Corn Gluten Feed.

American Milling Company, Peoria, Ill.  
 American Dairy Ration,  
 Sucrene Dairy Feed,  
 Sucrene Horse & Mule Feed,  
 Sucrene Horse Feed with Alfalfa,  
 Kick-A-Poo Horse Feed,  
 Sucrene Egg Mash with Buttermilk,  
 Sucrene Growing Mash with Buttermilk,  
 Tip Top Scratch Feed,  
 Tip Top Scratch Feed with 5% Grit,  
 Chuck Chuck Scratch Feed,  
 Sucrene Scratch Feed,  
 Sucrene Chick Feed with 5% Grit,  
 Sucrene Intermediate Chick Feed,  
 Sucrene Chop Feed Corn and Oats,  
 Corn Distillers' Dried Grains.

Ames-Burns Company, Jamestown, N. Y.  
 Red Tag Extra Fancy Soft Winter Wheat Bran (With ground screenings not exceeding Mill Run),  
 Red Tag Extra Fancy Soft Winter Wheat Middlings (With ground screenings not exceeding Mill Run).

Anderson Grain & Feed Co., York, Pa.  
 Anderson's High Grade Scratch Feed,  
 Anderson's Star Scratch Feed,  
 Anderson's Laying Mash with Dried Buttermilk,  
 Anderson's Chick Feed,  
 Anderson's Growing Mash with Dried Buttermilk,  
 Anderson's Pullet Feed,  
 Anderson's 22 Dairy Feed with Dried Beet Pulp.

Anderson's Son, J. B., Shickshinny, Pa.  
 Mix Chop, Oats  $\frac{1}{2}$  and Corn  $\frac{1}{2}$ .

Andrews & Sons, H. O., Mapleton Depot, Pa. and McVeytown, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Mixed Chop, (Corn and Oats).

Anheuser-Busch, Inc., St. Louis, Mo.  
 Corn Gluten Feed, Anheuser-Busch Brand.

Animal Rendering Company, Philadelphia, Pa.  
 Hy-Grade Meat and Bone Scrap—45% Protein,  
 Arco Meat and Bone Scrap—50% Protein,  
 55% Protein Beef Scraps,  
 Digester Tankage for Hogs—50% Protein.

Arcady Farms Milling Co., Chicago, Ill.  
 Arcady Stock Feed,  
 Smackover Horse & Mule Feed,  
 Advanced Registry Dairy Feed,  
 Provo 16 Dairy Feed,  
 Sweet 16 Dairy Feed,  
 Milkers Ready Ration,  
 Wonder Dairy Ration,  
 Arcady Dairy Feed,  
 Special Horse Feed,  
 Wonder Starting Mash,  
 Wonder Laying Mash,  
 Wonder Growing Mash,  
 Wonder Scratch Grains,  
 Arcady Scratch Grains,  
 Wonder Developing Grains,  
 Wonder Chick Grains,  
 Golden Yolk Scratch Grains,  
 Provo Scratch Grains,



Master Grain Ration.  
 Old Colony Feed,  
 Cloverdale Horse Feed,  
 Provo Horse Feed,  
 Peerless Milk Ration,  
 Wonder Horse & Mule Feed,  
 Arcady Horse & Mule Feed,  
 Wonder Sugared Stock Feed,  
 Wonder Calf Meal,  
 Besbet Growing Mash,  
 Besbet Laying Mash,  
 Arcady Chick Grains,  
 Arcady Developing Grains.

Archer Daniels Midland Company, Minneapolis, Minn.  
 Old Process Linseed Meal—34% Protein.

Armour and Company, Chicago, Ill.  
 Armour's Blood Meal—80% Protein,  
 Armour's Meat Meal—60% Protein,  
 Armour's Meat Scraps—60% Protein,  
 Armour's Meat and Bone—50% Protein,  
 Armour's Raw Bone Feeding Meal,  
 Armour's Poultry Bone.

Ash Brothers, Briar Creek, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Midds.

Ashcraft-Wilkinson Company, Atlanta, Ga.  
 Paramount Brand Good Cotton Seed Feed,  
 Helmet Brand—Prime Cotton Seed Meal—41% Protein,  
 Monarch Brand—Prime Cotton Seed Meal—43% Protein.

Atkinson Milling Company, Minneapolis, Minn.  
 Atkinson's Wheat Bran with Ground Screenings,  
 Atkinson's Wheat Standard Middlings with Ground Screenings,  
 Atkinson's Wheat Flour Middlings with Ground Screenings,  
 Atkinson's Watchword Wheat Reddog Flour.

Atlan Mfg. Co., Jersey City, N. J.  
 Diamond Pick Meat and Bone Scrap—45% Protein.

Atlantic Export Co., New York, N. Y.  
 Dried Brewers Grains.

Atlantic Feed & Supply Co., Atlantic, Pa.  
 AFCO. 24% Milk Maker,  
 AFCO. Chick Mash,  
 AFCO Growing Mash,  
 AFCO Laying Mash,  
 AFCO Pure Corn & Oats Chop.

Ayer, H. O., Ulster, Pa.  
 Laying Mash,  
 Buckwheat Midds,  
 Corn and Oats Chop,  
 Pure Corn Meal.

Bacon, C. F., Salunga, Pa.  
 Bacon's Pure Wheat Mixfeed.

Badenoch Company, J. J., Chicago, Ill.  
 Badenoch's Special Stock Feed,  
 Sweet Honey Bee Dairy Feed,  
 Milky Way Dairy Feed,  
 Milky Way Dairy Feed with Beet Pulp,  
 Graingold Dairy Feed,  
 Gloskoat Horse Feed,  
 Honey Bee Horse Feed,  
 Badenoch's Baby Chick Starter,  
 C-Em-Grow Growing Mash,  
 Egg-A-Day Dry Mash,  
 Sunflower Egg Mash,  
 C-Er-Lay Scratch Feed No Grit,  
 Daily Egg Scratch Feed No Grit,  
 Sunflower Scratch Feed No Grit,

Egspay Seratch Feed No Grit,  
 C-Er-Lay Coarse Chick Feed No Grit,  
 C-Er-Lay Fine Chick Feed No Grit,  
 Sunflower Fine Chick Feed No Grit.

Baldwin Flour Mills Company, Minneapolis, Minn.  
 Wheat Bran—with not Exceeding Mill Run of Ground Screenings,  
 Wheat Standard Middlings—with not Exceeding Mill Run of Ground Screenings,  
 Wheat Flour Middlings—with not exceeding Mill Run of Ground Screenings  
 Wheat Red Dog Flour.

Ballard & Ballard Co., Louisville, Ky.  
 Kentucky Farm Feed and Screenings,  
 Ballard Bran, All Wheat Product.

Baltimore Feed & Seed Co., The, Baltimore, Md.  
 B. B. L. Improved Laying Mash with Buttermilk.  
 B. B. L. Bran Buttermilk Chick Starter,  
 B. B. L. Brand Pigeon Feed.

Bamford Milling Co., D. G., Midway, Pa.  
 Peerless Dairy Feed,  
 Pure Corn & Oats Chop.

Banner Flour Mills, Fairchance, Pa.  
 Pure Wheat Bran.  
 Pure Wheat Middlings.  
 Pure Corn & Oats Chop.  
 Pure Corn Meal.

Bare Milling Co., Roaring Spring, Pa.  
 Mixed Chop,  
 Pure Wheat Bran.  
 Pure Wheat Middlings.

Barker, Moore & Mein Medicine Company, Philadelphia, Pa.  
 Barker's Chick Mash,  
 Barker's Laying Mash.

Barnitz, Wm. B., Carlisle, Pa.  
 Cumberland Wheat Bran.  
 Cumberland Wheat Middlings,  
 Cumberland Corn & Oats Chop.

Basic Feeds Company, Lockport, Ill.  
 No. 453 Basic Laying Mash,  
 No. 130 Scratch Grain,  
 Basic 1 to 5 Dairy Feed.  
 No. 451 Basic Starting Mash.  
 No. 452 Basic Growing Mash,  
 No. 455 Scratch Grain.

Bates, R. A., Knoxville, Pa.  
 Our Own Dairy Ration,  
 Pure Corn & Oat Chop.

Baugh & Sons Company, Philadelphia, Pa.  
 Duplex Pure Meat Meal—55% Protein.  
 Baugh's Oldest Brand Meat and Bone Scrap—50% Protein.  
 Baugh's 60% Digester Tankage,  
 Baugh's Special Ground Bone for Poultry,  
 Baugh's 55% Fish Meal for Feeding.

Bay State Milling Co., Winona, Minn.  
 Wingold Standard Hard Wheat Middlings and Wheat Screenings,  
 Wingold Rye Middlings and Rye Screenings,  
 Wingold Fancy Pure Hard Wheat Mixed Wheat Feed,  
 Wingold Pure Hard Wheat Bran,  
 Wingold Pure Hard Wheat Fancy White Flour Middlings,  
 Wingold G Pure Hard Wheat Low Grade Flour.

Beacon Milling Co., Inc., The, Auburn, N. Y.  
 Beacon Dairy Ration,  
 Cayuga Laying Mash with Buttermilk,  
 Beacon Egg Mash with Buttermilk,  
 Beacon Scratch Grains,  
 Chariot Horse Feed,

Cayuga Stock Feed,  
 Beacon Starting Mash,  
 Auburn Scratch Feed,  
 Beacon Chick Feed,  
 Beacon Growing Mash,  
 Beacon Developer Feed,  
 Chariot Chick Feed,  
 Beacon Special Scratch Feed,  
 Auburn Dairy Feed,  
 Beacon Laying Mash,  
 Beacon Pigeon Feed,  
 Beacon Calf Meal.

Beatrice Creamery Company, Chicago, Ill  
 Beatrice Dried Buttermilk.

Bechtel, Edwin C., West Leesport, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.

Beidler & Company, H., Philadelphia, Pa  
 Sweet Green Feed,  
 Mecca Horse Feed.

Belleville Flour Mills Co., Belleville, Pa.  
 Big Valley 20% Dairy Ration,  
 Blue Ribbon Dry Mash for Poultry,  
 Blue Ribbon Scratch Feed,  
 Pure Wheat Bran,  
 Pure Wheat Midds,  
 Corn & Oats Chop.

Bennett & James, Vintondale, Pa.  
 Corn and Oats Chop.

Benton Roller Mills, Bentou, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.

Berg Company, Inc., The, Philadelphia, Pa.  
 Berg's 3 Medial Poultry Meat and Bone Scrap—45% Protein.  
 Berg's 50% Protein Poultry Meat and Bone Scrap,  
 Berg's 55% Protein Poultry Meat and Bone Scrap,  
 Berg's 60% Protein Digester Tankage Meat and Bone,  
 Berg's Poultry Bone.

Berrysburg Roller Mill, Berrysburg, Pa.  
 Komo Pure Wheat Bran,  
 Komo Pure Wheat Middlings.

Biesecker & Sons, J. F., Thomasville, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.

Big Diamond Mills Co., Minneapolis, Minn.  
 Big Diamond Wheat Flour Middlings, Ground Screenings not Exceeding  
 Mill Run,  
 Big Diamond Wheat Standard Middlings, Ground Screenings not Exceed-  
 ing Mill Run,  
 Big Diamond Wheat Bran.

Big Run Milling Co., Big Run, Pa.  
 Pure Wheat Middlings,  
 Pure Buckwheat Middlings,  
 Pure Corn & Oats Chop.

Biggs, R. L., Orrtanna, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.

Birkett Mills, The, Penn Yan, N. Y.  
 Wheat Bran with Ground Screenings not exceeding Mill Run,  
 Wheat Middlings with Ground Screenings not exceeding Mill Run.

Bisbing, W. R., Tannersville, Pa.  
 Mixed Feed.

Bishop, R. J., Quarryville, Pa.  
 Bishop's Laying Mash,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.

Blain Roller Mills, Blain, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.

Blaine, MacKay, Lee Co., North East, Pa.  
 Blaine-MacKay-Lee Co. Wheat Bran with Mill Run Screenings,  
 Blaine-MacKay-Lee Co. Wheat Middlings with Mill Run Screenings,  
 Blaine-MacKay-Lee Co. Wheat Mixed Feed with Mill Run Screenings,  
 Red Dog Wheat Flour,  
 Pure Corn & Oat Chop.

Blank & Gottshall, Co., Inc., Sunbury, Pa.  
 "B & G" Egg Maker Mash,  
 "B & G" Dairy Food,  
 "B & G" Chop Feed,  
 "B & G" Growing Mash with Buttermilk,  
 "B & G" Laying Mash with Buttermilk,  
 "B & G" Mash Food,  
 "B & G" Baby Chick Feed with Buttermilk,  
 "B & G" Hen Food,  
 "B & G" Developing Food,  
 "B & G" Chick Food Invigorator,  
 "B & G" Pigeon Food No Corn,  
 Pure Wheat Middlings,  
 "B & G" White Rye Middlings,  
 "B & G" Buckwheat Middlings,  
 "B & G" Corn & Oats Chop,  
 "Sunbury" Hen Food.

Blatchford Calf Meal Company, Waukegan, Ill.  
 Blatchford's Calf Meal,  
 Blatchford's Pig Meal,  
 Blatchford's Chick Mash with Buttermilk,  
 Blatchford's "Fill-the-Basket" Egg Mash,  
 Barnun Scratch Feed,  
 Barnun Chick Feed,  
 Barnun Developing Feed,  
 Universal Scratch Feed.

Boardman Brothers, Pittsfield, Pa.  
 Pure Corn Meal,  
 Pure Corn and Oats Chop Feed.

Bodes, J. M., Bakersville, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.

Bohner, William H., Pillow, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Midds.

Bolgiano Seed Company, The J., Baltimore, Md.  
 "Square Deal" Laying Mash with Buttermilk,  
 "Square Deal" Beef Scrap—55% Protein,  
 "Square Deal" Pigeon Feed,  
 "Square Deal" Baby Chick Feed.

Bookwalter & Kerr, Corsica, Pa.  
 Mixed Chop,  
 Choice Wheat Bran,  
 Fresh Ground Wheat Middlings,  
 Pure Corn & Oats Chop.

Bowman Milling Company, East Hickory, Pa.  
 Old Hickory Corn & Oats Chop,

Boyer Feed Company, Paxtonville, Pa.  
 Red Top Laying Mash,  
 Red Top Pig Meal.



- Boyer & Company, Levi, Pillow, Pa.  
 Pure Wheat Bran.  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Brace & Son, Z. A., Waterford, Pa.  
 Corn & Oats Chop.
- Brackbill & Co., J. W., Paradise, Pa.  
 B. & R. Laying Mash.
- Breneman, P. G., Columbia, Pa.  
 P. G. Breneman's Hen Feed,  
 P. G. Breneman's Chick Feed.
- Bridgewater Mills, Montrose, Pa.  
 Bridgewater Mills Corn and Oat Chop.
- Briggs, W. E., Waterford, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Buckwheat Feed,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Brinser's Sons, S. C., Middletown, Pa.  
 Corn Bran.
- Brooklyn Milling Co., Spartansburg, Pa.  
 Pure Corn Meal,  
 Pure Corn & Oats Chop.
- Brooks Milling Company, Minneapolis, Minn.  
 Blue Ribbon Sweet Dairy Feed.
- Brown, G. W., Williamsburg, Pa.  
 Mixed Chop,  
 Wheat Mixed Feed.
- Brown Buttermilk Co., S. W., Philadelphia, Pa.  
 Lactein Modified Buttermilk.
- Brown's Sons, F. M., Shillington, Pa.  
 Pure Wheat Middlings,  
 Pure Wheat Bran,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal,  
 Brown's Laying Mash.
- Brown & Son, J. S., Loysburg, Pa.  
 Best of all Dairy Feed,  
 Mixed Chop.
- Brown & Fassett, Tunkhannock, Pa.  
 B & F Dairy Ration,  
 B & F Calf Meal,  
 B & F Hog Ration,  
 Favorite Dry Mash.  
 Pure Corn & Oat Chop,  
 Pure Corn Meal.
- Buckeye Cereal Company, The, Masillon, Ohio.  
 Bar-X Dairy Feed,  
 • Malto Dairy Feed,  
 Energy Horse Feed,  
 Buckeye Mash with Buttermilk,  
 Equity Scratch Feed,  
 Pure Soft Winter Wheat Bran,  
 Wheat Standard Middlings.
- Buckeye Cotton Oil Company, The, Cincinnati, Ohio.  
 "Buckeye" Cotton Seed Feed,  
 Prime Cottonseed Meal—41% Protein.
- Buehrle Co., The Albert H., Youngstown, Ohio.  
 Sure Egg Meat Scraps—50% Protein.
- Bunnell, I. W., Pleasant Mount, Pa.  
 Pure Corn and Oats Chop.

Purns J. C., Hughesville, Pa.  
 Pure Wheat Bran.  
 Pure Wheat Middlings.  
 Pure Corn and Oats Chop.

Burnt Cabin Roller Mills, McConnellsburg, Pa.  
 Pure Wheat Bran.  
 Pure Wheat Middlings.

Burroughs & Son, J. P., Flint, Mich.  
 Choice Winter Wheat Bran, with Ground Screenings not exceeding mill run,  
 Fancy Winter Wheat Middlings.

Bushkill Milling Company, Easton, Pa.  
 Dry Mash,  
 Mixed Feed,  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Bushkill Dairy Feed.

Callensburg Roller Mills, Callensburg, Pa.  
 Pure Corn & Oats Chop,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.

Canadian Diamalt Company, Ltd., Guelph, Ontario, Canada.  
 Canadian Diamalt Company Limited Dried Brewers Grains,  
 Brewers Dried Grains.

Cannon Valley Milling Co., Minneapolis, Minn.  
 Cannon Valley Wheat Standard Middlings with ground wheat screenings  
 not exceeding mill run.  
 Cannon Valley Wheat Flour Middlings with ground wheat screenings not  
 exceeding mill run,  
 Cannon Valley Pure Wheat Bran,  
 C V Reddog Pure Wheat Flour.

Canonsburg Milling Co., Canonsburg, Pa.  
 State College Mash,  
 Pure Wheat Mixed Feed,  
 Pure Corn and Oats Chop,  
 Pure Corn Meal.

Caple, A. B., Toledo, Ohio.  
 Alfalfa Meal.

Carbondale Milling Co., The, Carbondale, Pa.  
 No. 1 Corn & Oats Chop,  
 Pure Corn Meal.

Carmichaels Milling Company, Carmichaels, Pa.  
 Pure Corn Meal.

Cash Feed & Supply Co., Huntingdon, Pa.  
 Pure Corn & Oats Chop.

Cassel & Son, H. B., Philadelphia, Pa.  
 Cassel's 85% Horse Feed,  
 Camo Horse Feed,  
 "Omac" Horse Feed.

Cassel's Son, F. P., Lansdale, Pa.  
 Cassel's Dependable 55% Protein Beef Scraps,  
 Cassel's F. P. C. Chick Manna,  
 Cassel's Dependable Egg Mash Food,  
 Cassel's Dependable Chick Growing Mash Food.

Cataract City Milling Co., Niagara Falls, N. Y.  
 Wheat Bran with Ground Screenings not exceeding Mill Run,  
 Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,  
 Wheat Flour Middlings with Ground Screenings not Exceeding Mill Run,  
 Red Dog Flour (Made from Pure Hard Wheat).

Central Chemical Company, The Hagerstown, Md.  
 "Gro-All" Meat Scrap—55% Protein.

Central Feed Store, Royersford, Pa.  
 Ambo Laying Mash.

Centre Milling Co., Philipsburg, Pa.  
Pure Corn & Oats Chop.

Chamherlain Company, F. B., St. Louis, Mo.  
Chamherlain's Perfect Chick Feed.

Chambersburg Grain Co., Chambersburg, Pa.  
W. D. Scratch Feed.

Chapin & Company, Chicago, Ill.  
Unicorn Dairy Ration,  
Ajax Dairy Ration,  
Centaur Feed,  
Ovo Scratch Feed,  
Ovo Egg Mash (with Buttermilk),  
Bicorn Pig Meal,  
Ovo Chick Starter—with Buttermilk,  
Ovo Growing Mash—with Buttermilk,  
Ovo Coarse Chick,  
Ovo Fine Chick.

Christ, Joseph, Philadelphia, Pa.  
Christ's Special Horse Feed.

City Flouring Mills, Inc., Muncy, Pa.  
Muncy Dairy,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Clarion Flour Mill, Clarion, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Fresh Ground Corn and Oats Chop.

Claro Milling Company, Lakeville, Minn.  
Claro Wheat Standard Middlings with Wheat Screenings,  
Claro Pure Wheat Bran,  
Claro Pure Wheat Flour Middlings.

Cleveland Provision Company, The, Cleveland, Ohio.  
Premium Digester Tankage—60% Protein.

Clifton Milling Co., Kennett Square, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn Meal.

Clinton Corn Syrup Refining Company, Clinton, Iowa.  
Clinton Corn Gluten Feed.

Cochranon Milling Company, The, Cochranon, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Buckwheat Feed,  
Pure Corn and Oats Chop.

Collegeville Mills, Collegeville, Pa.  
Improved Laying Mash.

Collis Products Company, The, Clinton, Iowa.  
Collis Process Pure Dried Buttermilk.

Columbia Milling Company, Columbia, Pa.  
C M C Egg Mash,  
C M C Blue Ribbon Poultry Feed,  
L & S Chick Feed,  
Columbia Pure Winter Wheat Bran,  
Columbia Pure Winter Wheat Middlings.

Commander Mill Company, Minneapolis, Minn.  
Commander Wheat Bran—Ground Screenings not exceeding Mill Run,  
Commander Wheat Standard Middlings—Ground Screenings not exceeding Mill Run,  
Commander Wheat Flour Middlings—Ground Screenings not exceeding Mill Run.

Commercial Milling Company, Detroit, Mich.  
Standard Wheat Middlings with Ground Screenings,  
Pure Wheat Bran.

Commercial Solvents Corporation, New York, N. Y.  
Majestic Feed,  
Corn Bran.

Community Flouring Mills, Berwick, Pa.  
Pure Egg Producing Mash,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Conkey Company, The G. E., Cleveland, Ohio.  
Conkey's Dairy Ration,  
Gecco Dairy Ration,  
Red Seal Dairy Ration,  
Conkey's Fattening Mash with Buttermilk,  
Gecco Fattening Mash without Buttermilk,  
Gecco Egg Mash,  
Gecco Chick Grains,  
Gecco Growing Grains,  
Gecco Scratch Grains,  
Conkey's Buttermilk Grain and Bone Starting Feed,  
Conkey's Buttermilk Meat Grain & Bone Growing Mash,  
Conkey's Buttermilk Meat Grain & Bone Laying Mash,  
Conkey's Chick Grains,  
Conkey's Scratch Grains,  
Conkey's Growing Grains,  
Conkey's Pigeon Feed,  
Red Seal Scratch Feed.

Conneaut Lake Roller Mills, Conneaut Lake, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop,  
Pure Corn Meal.

Consolidated By-Product Co., Philadelphia, Pa.  
Consolidated Beef and Bone Scrap with Dry Yeast.

Consolidated Products Company, Chicago, Ill.  
Semi-Solid Buttermilk.

Consolidated Flour Mills, Co., The, Hutchinson, Kansas.  
Wheat Bran & Screenings,  
Wheat Gray Shorts and Scourings.

Continental Mills, Chicago, Ill.  
Master Mix Dairy Feed.

Cooperative Grange League Federation Exchange, Inc., Syracuse, N. Y.  
G. L. F. Milk Maker,  
G. L. F. Exchange Dairy,  
G. L. F. Utility Dairy,  
G. L. F. Super-Exchange Dairy,  
G. L. F. Super-Milk Maker,  
G. L. F. Young and Dry Stock Feed,  
G. L. F. Horse Feed,  
G. L. F. Calf Meal,  
G. L. F. Fattening Mash,  
G. L. F. Hog Feed,  
G. L. F. Laying Mash (with Dried Buttermilk),  
G. L. F. Laying Mash (with Meat Scrap),  
G. L. F. Growing Mash (With Dried Skim Milk and Dried Buttermilk),  
G. L. F. Growing Mash (with Meat Scrap),  
G. L. F. Coarse Scratch Grains,  
G. L. F. Coarse Scratch No. 2,  
G. L. F. Chick Scratch Grains,  
G. L. F. Intermediate Scratch Grains,  
Corn Feed Meal,  
Wheat Bran (with Ground Screenings not exceeding Mill Run),  
Wheat Middlings (with Ground Screenings not exceeding Mill Run),  
Wheat Flour Middlings (with Ground Screenings not exceeding Mill Run),  
Wheat Mixed Feed (with Ground Screenings not exceeding Mill Run),  
Wheat Low Grade Flour.

Cooperstown Milling Co., Cooperstown, Pa.  
Pure Corn and Oats Chop,  
Pure Buckwheat Middlings.

- Corn Products Refining Company, New York, N. Y.  
 Corn Pro Horse & Mule Feed,  
 Diamond Corn Gluten Meal,  
 Buffalo Corn Gluten Feed,  
 Co-Pro-Co Horse & Mule Feed.
- Cove Roller Mills, Warfordsburg, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Buckwheat Middlings,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Cowan Flour Mills, The, Cowan, Pa.  
 Mixed Chop (Corn, Oats and Wheat),  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Craft & Sons, J. W., Ambler, Pa.  
 Enterprise Egg Mash,  
 Enterprise Growing Chick Milk Mash,  
 Enterprise Scratch Feed,  
 Enterprise Baby Chick Scratch Feed.
- Craig, C. F., Sligo, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Crissman, John C., Berwick, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Crock, W. S., Nicholson, Pa.  
 Pure Buckwheat Feed,  
 Pure Corn & Oats Chop.
- Crotsley, Chas. E., Saltillo, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Crouch Brothers Co., Erie, Pa.  
 Wheat Bran with Ground Screenings not exceeding Mill Run,  
 Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,  
 Wheat Mixed Feed with Ground Screenings not exceeding Mill Run,  
 Pure Corn and Oats Chop.
- Crouse, Lewis C., McConnellsburg, Pa.  
 Pure Wheat and Bran,  
 Pure Wheat Middlings.
- Crum, W. R., Waynesboro, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn Meal.
- Curry's Sons, John B., Palmyra, Pa.  
 Wheat Bran with Ground Screenings not exceeding Mill Run,  
 Wheat Midds with Ground Screenings not exceeding Mill Run.
- Custer, W. E., Milton, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn Meal,  
 Pure Corn & Oats Chop.
- Danville Milling & Baking Co., The, Danville, Pa.  
 Egg Producer,  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Darling & Company, Chicago, Ill.  
 Darling's Meat Crisps—75% Protein,  
 Darling's Digester Tankage—60% Protein,  
 Darling's Meat Scraps—50% Protein,  
 Darling's Granulated Bone.



Davis & Son, B. F., Freeland, Pa.  
Corn Feed Meal.

Davis, S. P., Little Rock, Arkansas.  
Steerboy Brand Cottonseed Meal and Cracked Screened Cake,  
Goodluck Brand 41% Protein Cottonseed Meal or Cracked Screened C/S  
Cake,  
Beauty Brand Cottonseed Feed.

Dayton Grain & Hay Co., Dayton, Ohio.  
Diamond D Scratch Feed.

Dayton Milling Co., Towanda, Pa.  
Dayton's Ideal Dairy Ration,  
Dayton's Ideal Laying Mash,  
Dayton's Ideal Poultry Grains,  
Dayton's Ideal Baby Chick Food,  
Wheat Feed from Soft Winter Wheat,  
Pure Corn & Oat Chop.

Dean & Lee, Horseheads, N. Y.  
Pioneer Dairy Ration,  
Pioneer Poultry Mash,  
Pure State Wheat Bran.

Decatur Milling Company, Decatur, Ill.  
Homco Hominy Feed.

Delaware Mills, Inc., Deposit, N. Y.  
Delaware Dairy Feed,  
Delaware Stock Feed,  
Delaware Laying Mash (with Dried Buttermilk).

Delozier, H. H., Hollidaysburg, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Denver Alfalfa Milling & Products Co., The, Lamar, Colo.  
Alfalfa Meal.

Dewey Brothers Company, The, Blanchester, Ohio.  
Dewey's Dairy Ration,  
Eagle 3D Grains, or Dewey's Distillers Dried Grains,  
Corn 3D Grains, or Dewey's Distillers Dried Grains.

Dickinson Co., The Albert, Chicago, Ill.  
Dickinson Dairy Feed,  
Dickinson's Colonial Dairy Feed,  
Rival Dairy Feed,  
Dickinson's Globe Horse Feed Without Alfalfa Meal,  
Dickinson's Globe Horse Feed Heavy Grain Mixture,  
Dickinson's Globe Horse Feed Medium Grain Mixture,  
Dickinson's Globe Stock Feed,  
Stag Stock Feed,  
Dickinson's Globe Pig and Hog Meal,  
Dickinson's Globe Hog Fattener,  
Dickinson's Globe Egg Mash,  
Dickinson's Globe Egg Mash with Dried Buttermilk,  
Dickinson's Globe Chick Starter with Dried Buttermilk,  
Dickinson's Globe Growing Mash with Dried Buttermilk,  
Dickinson's Globe Molting Mash,  
Dickinson's Globe Breeding Feed,  
Dickinson's Globe Flying Feed,  
Dickinson's Globe Poultry Scratch,  
Dickinson's Globe Growing Scratch,  
Dickinson's Globe Chick Scratch,  
King Pigeon Feed,  
Rival Poultry Scratch,  
Dickinson's Corn Feed Meal,  
Dickinson's Globe Fine Ground Feed. (Corn and Oats).

Diefenderfer, M. E., Beehtelsville, Pa.  
Mixed Chop (Whole corn, oats and rye).

Dietrich & Co., D. W., Phila., Pa.  
Wheat Bran with Mill Run of Screenings,  
Wheat Flour Middlings with Mill Run of Screenings.

- Dinger Milling Co., DuBois, Pa.  
 Blue Tag Chop,  
 Superior Scratch Grains, No Grit,  
 Screened Cracked Corn,  
 Corn & Oats Chop.
- Dixie Mills Company, East St. Louis, Ill.  
 Dixie Cow Feed,  
 Dixie Horse & Mule Feed,  
 Dixie Laying Mash,  
 Dixie Growing Mash,  
 Dixie Chick Mash,  
 Dixie Hen Feed,  
 Dixie Chick Feed.
- Dobl, Ord J., Shickshinny, Pa.  
 Dohl's Pure Corn Meal,  
 Dohl's Pure Corn and Oats Chop,  
 Dohl's Pure Buckwheat Feed.
- Dold Packing Co., Jacob, Buffalo, N. Y.  
 Dold Quality Soluble Blood—83% Protein,  
 Dold Quality Meat and Bone Scrap, 45% Protein,  
 Dold Quality Meat and Bone Meal, 46% Protein,  
 Dold Quality Meat and Bone Scrap—50% Protein,  
 Dold Quality Meat and Bone Scrap—55% Protein,  
 Dold Quality Digester Tankage—60% Protein.
- Donahue-Stratton Company, Milwaukee, Wis.  
 Onyx Dried Grains.
- Drake & Company, Inc., Easton, Pa.  
 Chick Feed,  
 Poultry Mash.
- Drake's Sons, F. A., Cambridge Springs, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Buckwheat Middlings,  
 Pure Corn & Oats Chop.
- Dreyer Commission Company, St. Louis, Mo.  
 Dryco Wheat Bran—With Screenings.
- Dublin Farmers' Cooperative Association, Dublin, Pa.  
 Dry Mash.
- Duluth-Superior Milling Company, Duluth, Minn.  
 Durum Wheat Bran, With ground Screenings not exceeding Mill Run,  
 Duluth Imperial Wheat Bran, with Ground Screenings not exceeding Mill Run,  
 Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,  
 Durum Mixed Feed, with Ground Screenings not exceeding Mill Run,  
 Boston Mixed Feed, with Ground Screenings not exceeding Mill Run,  
 Reddog Wheat Flour.
- Duluth Universal Milling Co., Duluth Minn.  
 Wheat Bran with Ground Screenings not exceeding Mill Run,  
 Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.
- Duncannon Flouring Mill Co., Duncannon, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Dunham, Roy J., Wellsboro, Pa.  
 Pure Corn & Oats Chop,
- Dunlap, Jr., William H., Canonsburg, Pa.  
 Pure Corn & Oats Chop.
- Dunn & Son A., Tidioute, Pa.  
 Corn & Oat Chop.
- Dunwoody Co., Ezl., Phila., Pa.  
 Special Scratch Feed,  
 Special Pigeon Feed,  
 Special Mash Feed,  
 Poultry Meat and Bone Scrap—45% Protein.

- Eagle Roller Mill Company, New Ulm, Minn.  
 Gold Coin Dairy Ration,  
 Gold Coin Buttermilk Laying Mash,  
 Eagle Scratch Feed,  
 Gold Coin Scratch Feed,  
 Eagle Wheat Bran with Screenings,  
 Eagle Wheat Standard Midds with Screenings,  
 Eagle Flour Midds with Screenings,  
 Eagle Wheat Mixed Feed with Screenings,  
 Eagle Rye Midds with Screenings,  
 Eagle Pure Wheat Bran,  
 Eagle Wheat Red Dog.
- Early & Daniels Co., The, Cincinnati, Ohio.  
 Tuxedo Chop.
- East Coast Trading Company, Baltimore, Md.  
 Oberco 30-30,  
 Oberco 15-30-15.
- East Petersburg Flour Mills, Lancaster, Pa.  
 Pure Home Made Winter Wheat Bran,  
 Pure Home Made Winter Wheat Middlings.
- Eastern Cotton Oil Company, Norfolk, Va.  
 Supreme Cottonseed Feed—36% Protein,  
 Superior Cottonseed Meal—38.62% Protein,  
 Dutch Maid Cottonseed Meal—41% Protein.
- Eaton Grain and Feed Company, R. D., Norwich, N. Y.  
 Eaton's Empire State Poultry Mash,  
 Eaton's Quick Growth Baby Chick Mash,  
 Eaton's Corn Feed Meal,  
 Eaton's Corn and Oat Feed.
- Ebensburg Milling & Supply Co., Ebensburg, Pa.  
 Corn and Oats Chop.
- Ebersole, O. S., Penbrook, Pa.  
 Ebersole's Laying Mash.
- Eby, Elmer, Lititz, Pa.  
 10% Poultry Mash.
- Eckhart Milling Company, B. A., Chicago, Ill.  
 Rye Middlings and Screenings,  
 Wheat Bran and Screenings,  
 Standard Wheat Middlings and Screenings,  
 Wheat Flour Middlings,  
 Wheat Foundry Flour.
- Eckenrode, W. A., Carrolltown, Pa.  
 Pure Corn & Oats Chop.
- Edinboro Co-operative Association, Edinboro, Pa.  
 Pure Corn & Oats Chop.
- Edwards Brothers, Beyer, Pa.  
 Edwards Mixed Chop.
- Ekin, L. M., Vandergrift, Pa.  
 Pure Corn & Oats Chop.
- Electric Milling Co., Inc., The, Everett, Pa.  
 Eureka Mixed Chop,  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn Meal.
- Elevator Milling Company, Springfield, Ill.  
 Ideal Hominy Feed.
- Embody & Son, H. S., Perkiomenville, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Embreeville Flour & Feed Mills, Embreeville, Pa.  
 Pure Winter Wheat Bran,  
 Pure Winter Wheat Middlings.

Emlenton Milling Co., Ltd., Emlenton, Pa.

E M Co. Dairy Feed,  
E M Co. Mixed Chop Feed,  
Wheat Bran, with ground screenings not exceeding mill run,  
Pure Buckwheat Middlings,  
Fancy White Middlings (pure wheat),  
Special Chop (Pure Corn and Oats).

Empire Grain & Elevator Co., Binghamton, N. Y.

E-Gee Dairy Feed,  
E-Gee Laying Mash,  
E-Gee Stock Feed,  
Neverfail Dairy Feed,  
Neverfail Egg Mash with Dried Buttermilk,  
Neverfail Growing Mash with Dried Buttermilk,  
Neverfail Wheat Mixed Feed.

Empire Milling Co., Minneapolis, Minn.

Pure Wheat Bran,  
Wheat Flour Middlings with Ground Screenings not Exceeding Mill Run.

Emporium Milling Co., Emporium, Pa.

Emporium Feed,  
Corn & Oats Feed.

Eshelman & Sons, John W., Lancaster, Pa.

Eshelman's Golden Rod 25 Dairy Feed,  
Eshelman's Red Rose 24 Dairy Feed,  
Eshelman's Lancaster 20 Dairy Feed,  
Eshelman's Conestoga 18 Dairy Feed,  
Eshelman's Pennsy 16 Dairy Feed,  
Eshelman's Susquehanna Dairy Feed,  
Eshelman's Red Rose 85 Horse Feed,  
Eshelman's Lancaster 60 Horse Feed,  
Eshelman's Conestoga 40 Horse Feed,  
Eshelman's Garden Spot Horse Feed,  
Eshelman's Liberty Horse Feed,  
Eshelman's Tally-Ho Horse Feed,  
Lancaster Special Horse Feed,  
Eshelman's Stock Feed,  
Eshelman's Lancaster Stock Feed,  
Eshelman's Molasses Steer Feed,  
Eshelman's Hog Meal,  
Eshelman's Calf Meal,  
Eshelman's Laying Mash,  
Eshelman's Growing Mash,  
Pennsy Scratch Feed No Grit,  
Pennsy Scratch Feed 5% Grit,  
Pennsy Chick Feed No Grit,  
Pennsy Chick Feed 5% Grit,  
Imperial Scratch Feed No Grit,  
Imperial Scratch Feed 5% Grit,  
Eshelman Scratch Feed No Grit,  
Eshelman's Scratch Feed 5% Grit,  
Eshelman's Chick Feed No Grit,  
Eshelman's Chick Feed 5% Grit,  
Eshelman's Baby Chick Starter,  
Eshelman's Intermediate Chick Feed,  
Eshelman's Pigeon Feed,  
Eshelman's Special Pigeon Feed,  
Eshelman's Digester Tankage—60% Protein,  
Eshelman's Meat & Bone Scrap—55% Protein,  
Eshelman's Fish Scrap 60% Protein,  
Eshelman's Choice Mixed Wheat Feed with Screenings not exceeding Mill Run,  
Eshelman's Wheat Flour Middlings with Screenings not exceeding Mill Run,  
Feeding Molasses,  
Corn Feed Meal,  
Corn & Oats Chop,  
Eshelman's Sugared stock Feed.

Etters, Clayton, Oak Hall Station, Pa.

Mixed Chop,  
Pure Wheat Bran,  
Pure Wheat Middlings.

Evans Milling Company, Indianapolis, Ind.

EMCO Hominy Feed.

Everett, Aughenbaugh & Co., Waseca, Minn.

E-A-Co Wheat Standard Middlings with Wheat Screenings,

E-A-Co Hard Wheat Mixed Feed with Wheat Screenings,

E-A-Co Pure Wheat Bran,

E-A-Co Pure Wheat Flour Middlings.

Ewing, J. Boyd, Orbisonia, Pa.

Pure Coarse Wheat Bran,

Pure Fresh Ground Wheat Middlings.

Fairechild Milling Company, The, Cleveland, Ohio.

Wheat Bran with Ground Screenings not exceeding Mill Run,

Standard Middlings made from Wheat with Ground Screenings not Exceeding Mill Run.

Special Fine Middlings made from Wheat with Ground Screenings not Exceeding Mill Run.

Fairlie, William, East Brady, Pa.

Buckwheat Middlings,

Corn & Oats Chop,

Fairmont Creamery Company, The, Omaha, Nebraska.

Fairmont's Better Condensed Buttermilk.

Fairmont's Better Pure Flake Buttermilk.

Falling Springs Mill, Shermaansdale, Pa.

Pure Wheat Mixed Feed,

Ear Corn & Oats Chop.

Farmers Milling Company, The, Burgettstown, Pa.

Corn and Oats Chop.

Farmers Milling Corporation, Washington, Pa.

Corn and Oats Chop with Screenings.

Pure Winter Wheat Bran.

Pure Wheat Middlings,

Pure Corn & Oats Chop,

Pure Corn Meal.

Farmers Syndicate, Inc., Cortland, N. Y.

Farmers Syndicate 26% Dairy Ration,

Holstein Special 20% Dairy Ration.

Farmers Syndicate Laying Mash,

Farmers Syndicate Scratch Grains.

Fayetteville Mills, Fayetteville, Pa.

Pure Wheat Bran.

Pure Wheat Middlings.

Federal Mill & Elevator Co., Inc., Lockport, N. Y.

Lucky Hard Wheat Bran with Ground Screenings not Exceeding Mill Run.

Lucky Hard Wheat Middlings with Ground Screenings not Exceeding Mill Run.

Dairy Maid Winter Wheat Bran with Ground Screenings not Exceeding Mill Run.

Dairy Maid Winter Wheat Middlings, with Ground Screenings not Exceeding Mill Run.

Federal Milling & Refrigerating Company, Inc., Hagerstown, Md.

Eureka Dairy Feed,

Grow Big Hog Feed,

Makes-Em-Lay Mash,

Eureka Scratch,

Eureka Chick Feed,

Corn, Oats, Barley,

Pure Wheat Bran,

Pure Wheat Middlings.

Felix & Lindsay, Newville, Pa.

Pure Wheat Bran.

Pure Wheat Middlings.

Felt Bros. & Gage Co., Empire Mills, Olean, N. Y.

Empire Feed,

Corn Feed Meal,

Corn and Oat Chop.

Fischer & Co., Inc., L. A., Bradford, Pa.

Pure Corn & Oats Chop Feed,

Pure Corn Meal.



Fleischmann Company, The, New York, N. Y.  
Fleischmann's Dried Grains.

Flickinger, M. P., Lebanon, Pa.  
F & B 20% Dairy Feed.

Flicksville Milling Co., Flicksville, Pa.  
Mixed Horse Feed,  
Dry Mash,  
Producer Dairy Feed.

Flory Brothers, Pequa, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.

Flory Milling Company, Inc., Bangor, Pa.  
Flory's Special Cow Feed,  
National Cow Feed,  
Globe Cow Feed,  
Flory's Special Stock Feed,  
Flory's Superior Stock Feed,  
Special Mixed Horse Feed,  
Flory's Superior Hog Feed,  
Flory's Superior Calf Meal,  
Extra Feed,  
Flory's Superior Chick Starter,  
Flory's Superior Growing Mash,  
Golden Egg Laying Mash,  
Flory's Superior Egg Mash,  
Flory's Superior Scratch Grains,  
Golden Egg Scratch Feed,  
Sunray Scratch Feed,  
Flory's Superior Intermediate Chick Grains,  
Flory's Superior Little Chick Feed,  
Golden Egg Chick Feed,  
Flory's Superior Pure Wheat Bran,  
Flory's Superior Pure Wheat Middlings,  
Flory's Superior Cow Feed.

Frankenfield, Charles B., Spring Mill, Pa.  
Frankenfield Laying Mash.

Franklin Feed & Supply Company, Franklin, Pa.  
Pure Corn Meal.  
Pure Corn & Oats Chop.

Frantz, John R., Lancaster, Pa.  
Pure Wheat Bran,  
Pure Wheat White Middlings,  
Mill Run Pure Wheat Mixed Feed.

Freas & Son, W. B., Scranton, Pa.  
Pure Corn Meal,  
No. 1 Feed, Corn and Oats.

Frey, A. D., Wrightsville, Pa.  
Frey's Egg Mash with Buttermilk,  
Frey's Hen Feed,  
Frey's Medium Chick Feed,  
Corn & Oats Chop,  
Frey's Corn Meal.

Freidly, Stover, Waynesboro, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop,  
Pure Corn Meal.

Fritch Milling Co., D. D., Macungie, Pa.  
Wheat & Rye Middlings,  
Pure Wheat Bran,  
Pure Rye Middlings,  
Pure Wheat Germ and Wheat Middlings

Fritch & Sons, T. D., Bethlehem, Pa.

Mixed Chop,  
Diamond Scratch Feed,  
Wheat Bran, with Ground Screenings not exceeding Mill Run,  
Wheat Middlings, with Ground Screenings not exceeding Mill Run,  
Rye Middlings, with Ground Screenings, not exceeding Mill Run,

Fritz Bros. Company, Fort Washington, Pa.

Fritz Bros. Quaker City Special Brand Beef Scraps and Bone, 45% Protein,  
Fritz Bros. Quaker City Quality Brand Beef Scraps and Bone, 50% Protein,  
Fritz Bros. Pureox Beef Scraps and Bone, 55% Protein,  
Fritz Bros. Digester Tankage, 50% Protein,  
Fritz Bros. Digester Tankage 60% Protein.

Fry, F. J., McCrea, Pa.

Corn and Oats Chop.  
Fry Milling Company, Cresson, Pa.  
Pure Corn and Oats Chop,  
Home Spun Dairy Feed.

Fryburg Roller Mills, Fryburg, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Fuhrer-Ford Milling Co., Mt. Vernon, Ind.

Pure Soft Winter Wheat Bran.

Galesburg Molasses Feed Company, Galesburg, Ill.

Gamo Special Horse Feed.

Gamble, W. N., Antes Fort, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Mixed Chop (Corn and Oats).

Gardner, J. A., Moscow, Pa.

Gardners Special Cow Feed.

Garland Mills, Garland, Pa.

Pure Wheat Bran,  
Pure Wheat Midds.

Garrison & Brother, H. L., Berwick, Pa.

Extra Quality Mash,  
Mixed Chop (Ground Corn and Oats).

Garvine, W. J., Woodbine, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oat Chop.

Gass' Sons, Henry, Muhlenberg, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.

Gates Estate, Kittanning, Pa.

Pure Corn and Oats Chop.

Geisinger, J. J., Centre Valley, Pa.

Dairy Ration,  
Pure Wheat Bran,  
Pure Wheat Middlings.

General Milling Corporation, Buffalo, N. Y.

Our Cornell Laying Mash,  
Ceramel Dairy Ration,  
Honest Cow Feed,  
Honest Laying Mash with Buttermilk,  
Honest Scratch Grains,  
Corn & Oats Feed,  
Pure Corn Meal.

Gibbs Milling Co., Nanticoke, Pa.

Mixed Chop Feed,  
Dairy Feed.

- Gleichert & Co., J. J., Altoona, Pa.  
Premium Hen Food.
- Glessman, L. A., Conneautville, Pa.  
Pure Buckwheat Middlings,  
Pure Wheat Bran.  
Pure Wheat Middlings,  
Pure Corn & Oats Chop,  
Pure Corn Meal,
- Globe Elevator Company, Buffalo, N. Y.  
Blue Ribbon Horse Feed,  
Anchor Horse Feed.
- Globe Flour Mills, Globe Mills, Pa.  
Pure Winter Wheat Bran,  
Pure Wheat Middlings.
- Globe Milling Company, Watertown, Wis.  
Globe Rye Middlings, with Ground Screenings not exceeding Mill Run.
- Godfrey & Sloane Co., The, Olean, N. Y.  
Pomona Dairy Feed,  
Cornell Dairy Feed.
- Godshall & Co., Inc., A. C., Lansdale, Pa.  
Wheat Bran with Screenings,  
Wheat Middlings with Ground Screenings,  
Rye Feed with Screenings,  
Oats Chop with Ground Screenings,  
Pure Corn Meal.
- Golden Leader Milling Co., The, Middletown, Pa.  
Golden Leader Hen Mash,  
Golden Leader Scratch Feed,  
Golden Leader Corn and Oats Chop.
- Gold's Mill, Milton, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings.
- Good Company, Charles C., North Girard, Pa.  
Pure Corn and Oats Chop,  
Pure Corn Meal.
- Graff Milling Co., Peter, Worthington, Pa.  
Pure Wheat Mixed Feed,  
Pure Corn Meal.  
Pure Corn and Oats Chop.
- Grain Belt Mills Company, South St. Joseph, Mo.  
Extre Horse and Mule Feed.
- Grain Marketing Company, Chicago, Ill.  
Vitality Milk Ration,  
Vitality Horse Feed,  
Vitality Dairy Feed,  
Vitality Stock Feed,  
Advance Dairy Feed,  
Rosebro Horse Feed,  
Special Rosebro Horse Feed,  
Horse Sense Grain Feed.  
Sugared Vitality,  
Vitality Egg Mash with Buttermilk,  
Vitality Growing Mash with Buttermilk,  
Vitality Scratch Feed No Grit,  
Vitality Fine Chick Scratch No Grit,  
Vitality Chick Starter,  
Vitality Coarse Chick Scratch No Grit,  
Vitality Pigeon Feed No Corn No Grit,  
Advance Scratch with Grit,  
Advance Scratch No Grit,  
Advance Chick Scratch No Grit,  
Four-O'clock Scratch Grains,  
"77" Scratch Feed No Grit,  
Vitality Egg Mash Without Buttermilk.

- Grandin Milling Company, D. H., Jamestown, N. Y.  
 Grandin's 24% Balanced Dairy Ration,  
 Grandin's 12 Twin Six 12 Dairy Feed,  
 Grandin's Milk Maker,  
 Grandin's Stock Food,  
 Grandin's Baby Chick Starter with Buttermilk,  
 Grandin's Laying Mash with Buttermilk,  
 Grandin's Growing Feed,  
 Grandin's Screened Scratch Feed,  
 Grandin's Intermediate Chick Feed,  
 Grandin's Baby Chick Feed.
- Graves, E. A., Springboro, Pa.  
 Money Saver Cow Feed,  
 Corn and Oats Chop.
- Graybill & Son, M. S., Bareville, Pa.  
 Graybills Laying Mash.
- Green's Feed Mill, F. A., Smethport, Pa.  
 Pure Corn & Oats Chop.
- Gristocks Sons, W. H., Collegeville, Pa.  
 Gristocks Dry Mash.
- Grove City Creamery, The, Grove City, Pa.  
 Commonwealth Brand Vim Lac Poultry Feed.
- Hales & Hunter Company, Chicago, Ill.  
 Kingfalfa Horse Feed,  
 College Horse Feed,  
 Pioneer Hog Feed with Dried Buttermilk,  
 Red Comb Egg Mash, with Dried Buttermilk,  
 Pound Squab Pigeon Feed No Grit,  
 Morning Glory Scratch Feed, No Grit,  
 Red Comb Scratch Feed, No Grit,  
 Corn Feed Meal.
- Hammond Elevator Co., Corry, Pa.  
 Corn and Oats Chop.
- Handwork Brothers, Coatesville, Pa.  
 Handwork's Dry Mash,  
 Pure Corn & Oats Chop.
- Haney-Frazier Milling & Elevator Co., Danville, Pa.  
 Henola Mash Food,  
 Gold Medal Prize Poultry Hen Food,  
 Chick Food,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Hannibal Milling Co., Hannibal, Mo.  
 Empire Soft Wheat Bran with Ground Wheat Screenings not exceeding  
 Mill Run,  
 Fairy Soft Wheat Middlings with Ground Wheat Screenings not exceeding  
 Mill Run.
- Harding Co., Inc., Geo. L., Binghamton, N. Y.  
 Unele Sam Milk Albumen.
- Harrison, F. F., Edinboro, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Buckwheat Middlings,  
 Pure Corn Meal,  
 Pure Corn and Oat Chop.
- Hartsville Oil Mill, Hartsville, South Carolina.  
 41.12 Per Cent Protein Cottonseed Meal, Prime Quality,  
 Cotton Seed Feed.
- Hartzel's Sons, F. D., Chalfont, Pa.  
 Wheat and Rye Bran,  
 Wheat and Rye Midds,  
 Pure Rye Mixed Feed,  
 Pure Corn Meal.
- Hansehel, T. A., Chicago, Ill.  
 Brewers' Dried Grains.

Hayden Co., A., Elizabeth, Pa.  
Pure Corn & Oats Chop.

Hayes Grain & Commission Co., Little Rock, Arkansas.  
Nutrine Brand Cotton Seed Meal Cotton Seed Cake—41% Protein.

Hays, C. F., Curwensville, Pa.  
Pure Corn & Oats Chop.

Hays City Flour Mills, The, Hays, Kansas.  
Pure Wheat Bran.

Hazleton Syrup Company, Hazleton, Pa.  
Brewers' Dried Grain.

Heacock, Harry G., Light Street, Pa.  
Pure Corn and Oats Chop,  
Pure Wheat Bran,  
Pure Wheat Middlings.

Heath, F. L., Corry, Pa.  
Pure Corn and Oats Chop.

Hecker-Jones-Jewell Milling Company, Buffalo, N. Y.  
H Wheat Middlings with Mill Run of Ground Screenings,  
Choice Wheat Bran with Ground Screenings not exceeding Mill Run,  
Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,  
Extra Heavy Wheat Mixed Feed with Ground Screenings not exceeding Mill  
Run,  
Wheat Flour Middlings,  
Wheat Red Dog Flour.

Hefty Milling Co., Watsontown, Pa.  
Dairy Feed.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.

Heishman's Mill, B. F., Carlisle, Pa.  
Heishman's Wheat Bran and Screenings,  
Heishman's Pure Wheat Middlings.

Heller Milling Co., The, Wapwallopen, Pa.  
Mixed Feed,  
Laying Mash,  
Winter Wheat Bran,  
Winter Wheat Middlings,  
Buckwheat Feed.

Hellyer, Jr., Edward, Alexandria, Pa.  
Poultry Mash,  
Pure Corn and Oats Chop.

Herr, M. E., Schuyler, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Buckwheat Feed,  
Corn and Oats Chop.

Hershey, J. B., Manheim, Pa.  
Hershey's Grow or Bust Tankage—50% Protein.

Hershey Creamery Company, The, Harrisburg, Pa.  
Chic-O-Lac.

Hespenheide & Thompson, York, Pa.  
Premier Dairy Ration,  
Premier Stock Feed,  
Premier Egg Mash (with Buttermilk),  
Premier Baby Chick Starter,  
Premier Growing Mash (with Buttermilk),  
Premier Chick Feed,  
Daisy Scratch Feed,  
Premier Scratch Feed,  
Premier Pullet Feed,  
Pure Corn & Oats Chop.



- Hess Poultry Food Company, The, Philadelphia, Pa.  
 Hess Poultry Food (Meat & Bone Scraps—55% Protein),  
 Hess Egg Special (Meat & Bone Scraps—50% Protein),  
 Hess Big Producer (Meat & Bone Scraps—45% Protein).
- Heyl, Bros. Company, Philadelphia, Pa.  
 Heyl Bros. Company Cane Feeding Molasses.
- Highspire Flour Mills, Inc., Highspire, Pa.  
 Winter Wheat Bran, with Mill Run Screenings,  
 Pure Wheat Middlings,  
 Wheat Mixed Feed.
- Hill, Lewis G., Lookout, Pa.  
 Pure Corn & Oats Chop.
- Hirst & Begley Linseed Works, Chicago, Ill.  
 Hirst & Begley Linseed Works Old Process Linseed Meal—34% Protein.
- H-O Cereal Company, Inc., The, Buffalo, N. Y.  
 Algrane Milk Feed,  
 Algrane Horse Feed,  
 Algrane Laying Mash,  
 Algrane Steam-Cooked Growing Mash,  
 Algrane Steam-Cooked Chick Feed,  
 Algrane Developing Feed,  
 Re-Ground Oat Feed.
- Hoffer-Garman, Inc., Harrisburg, Pa.  
 Lay-O-Lay Scratch Feed,  
 Hen-Developer-Mash Feed.
- Hogsett & Sons, J. F., Uniontown, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Holcomb, W. H., Girard, Pa.  
 Pure Buckwheat Feed,  
 Pure Corn and Oats Chop.
- Home Mill and Grain Company, Mount Vernon, Ind.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Honesdale Milling Co., Honesdale, Pa.  
 Corn & Oats Chop.
- Hoosier Condensed Milk Co., Bluffton, Ind.  
 Milk-O-Lac (Compounded of Condensed Fermented Skimmed Milk).
- Hoover, Charles E., Aitch, Pa.  
 Pure Corn and Oats Chop.
- Hopkins, C. F., Townville, Pa.  
 Pure Corn & Oat Chop.
- Horn & Co., D. E., York, Pa.  
 Horns Laying Mash with Buttermilk.
- Howell & Sons & Johnson, Morrisville, Pa.  
 Pure Rye Bran  
 Pure Rye Middlings,  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Jer-Ze Laying Mash.
- Hubbard Milling Company Mankato, Minn.  
 Standard Mother Hubbard Wheat Fine Middlings with Screenings,  
 Fancy Pure Mother Hubbard Wheat Bran,  
 Mother Hubbard Wheat Flour Middlings.
- Hubinger Bros. Co., J. C., Keokuk, Iowa.  
 Keokuk Corn Gluten Feed.
- Huegely Milling Co., Nashville, Ill.  
 Huegely's Soft Winter Wheat Bran,  
 Dexter's Soft Winter Wheat Middlings.

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand Cottonseed Meal.  
Dixie Brand Cottonseed Meal.  
Danish Brand Cottonseed Feed.  
Phoenix Brand Cottonseed Meal 39.88% Protein.

Hunter H., Ashland, Pa.

O. K. Hen Food.

Huntingdon Milling Company, Huntingdon, Pa.

Pure Corn & Oats Chop,  
Pure Wheat Mixed Feed,  
Buckwheat Middlings,  
Pure Wheat Middlings,  
Pure Wheat Bran,  
Pure Corn Meal.

Huron Milling Company, The, Harbor Beach, Mich.

Jenks White Middlings,  
Jenks Corn Gluten Feed,  
Jenks Winter Wheat Bran, with mill run screenings.

Hutchinson, H. C., Hydetown, Pa.

Hutchinson's Pure Milk Maker, Dairy Feed,  
Pure Corn & Oat Chop,  
Pure Corn Meal.

Ideal Rendering Company, North Wales, Pa.

Ideal Meat Scraps—50% Protein.

Igleheart Brothers, Evansville, Ind.

Pure Wheat Bran.

Ikeler, R. R., Bloomsburg, Pa.

Dry Mash,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Illinois Feed and Elevator Company, Bloomington, Ill.

Homestead Dairy Feed,  
Illinois Horse Feed,  
Special Stock Feed,  
Homestead Chick Feed,  
Illinois Laying Mash (with Dried Buttermilk),  
Illinois Starting & Growing Mash (with Dried Buttermilk),  
Illinois Fancy Chick Feed,  
Special Scratch Feed,  
Homestead Scratch Feed,  
Illinois Fancy Scratch Feed,  
Special Dairy Feed,  
Illinois Horse Feed 85% Grain.

Imbs Milling Co., J. F., Belleville, Ill.

Charm Pure Winter Wheat Bran.

Independent Manufacturing Co., Philadelphia, Pa.

Independent's Beef Scrap and Bone—45% Protein,  
Independent's Beef Scrap and Bone—50% Protein,  
Independent's Beef Scrap and Bone—55% Protein.

Indiana Roller Mills, Indiana, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

International Glue Co., East Boston, Mass.

Red Star Brand Fish Scrap.

International Milling Co., Minneapolis, Minn.

Blackhawk Wheat Special Middlings with Ground Screenings not Exceeding Mill Run,  
Blackhawk Wheat Standard Middlings with Ground Screenings not Exceeding Mill Run,  
Blackhawk Pure Wheat Bran,  
Blackhawk Wheat Flour Middlings,  
Blackhawk Pure Wheat Germ Middlings,  
Blackhawk Wheat Low Grade Flour.

- International Sugar Feed Company, Minneapolis, Minn.  
 International Special Dairy Feed,  
 International Ready Ration Dairy Feed,  
 International Diamond Dairy Feed,  
 International Minnesota Dairy Feed,  
 International Poultry Feed (Scratch size).
- Jacob and Keller Co., St. Marys, Pa.  
 J. & K. Pure Corn and Oats Chop.
- Jamestown Electric Mills Jamestown, N. Y.  
 Jem Rob Roy Dairy Feed,  
 Jem Milk Maker,  
 Jem Poultry Mash,  
 Jem Growing Mash with Buttermilk,  
 Jem Egg Mash with Buttermilk,  
 Jem Scratch Feed,  
 Jem Chick Feed,  
 Corn & Oat Chop,  
 Cracked Corn,  
 Jem Stock Feed.
- Jamieson & Son, Robt., Fredonia, Pa.  
 Chop,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Jefferson Flour & Feed Co., Punxsutawney, Pa.  
 Jefferson Dairy Feed,  
 Jefferson Scratch Feed,  
 Pure Corn & Oats Chop.
- Jeannette Beverage Company, Jeannette, Pa.  
 Brewers Dried Grains.
- Jennison Company, W. J., Minneapolis, Minn.  
 Sweet Cream Flour Middlings with Ground Screenings not exceeding Mill  
 Run,  
 Sweet Cream Pure Wheat Bran.
- Jersee Co., The, Minneapolis, Minn.  
 Jersee Milk Food Compound.
- Johnstown Milling Company, Johnstown, Pa.  
 Golden Corn Meal,  
 Corn and Oats Chop.
- Kane Milling & Grocery Co., Kane, Pa.  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Kansas Flour Mills Company, The, Kansas City, Mo.  
 Wheat Bran and Wheat Screenings,  
 Wheat Shorts and Wheat Screenings.
- Kasco Mills, Inc., Waverly, N. Y.  
 Kasco Mormilk Dairy Ration,  
 Beatsall Milk Grains,  
 Kasco Growing Mash with Dried Buttermilk,  
 Apex Mash with Dried Buttermilk,  
 Kasco Mash with Dried Buttermilk,  
 Kasco Baby Chick Feed,  
 Apex Scratch Grain,  
 Kasco Scratch Grain,  
 Kasco Growing Grains,  
 Kasco Flour Middlings May Contain Ground Screenings not exceeding  
 Mill Run,  
 Kasco Chick Mash with Dried Buttermilk,  
 Kasco Stock Feed.
- Keeny, D. E., Felton, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Keever Starch Company, The, Columbus, Ohio.  
 Keever Gluten Feed.

- Kehlor Flour Mills Co., St. Louis, Mo.  
 Palace Wheat Bran with Ground Wheat Screenings not exceeding Mill Run,  
 Rex Wheat Middlings with Ground Screenings not exceeding Mill Run.
- Kelley Brothers, Washingtonville, Pa.  
 Kelley Pure Wheat Bran,  
 Kelley Pure Wheat Midds.
- Kellogg and Sons, Inc., Spencer, Buffalo, N. Y.  
 Kelloggs Pure Old Process Linseed Meal—34% Protein.
- Kellogg Company, Davenport, Iowa.  
 Kellogg Oat Feed.
- Kellogg Sales Company, Battle Creek, Mich.  
 White Hominy Feed.
- Kelloggs & Miller, Amsterdam, N. Y.  
 Pure Old Process Oil Meal—34% Protein.
- Kelly Milling Co., The William, Hutchinson, Kansas.  
 Wheat Bran and Screenings,  
 Wheat Gray Shorts.
- Kennedy, E. P., Wyalusing, Pa.  
 Special 24% Dairy Ration.
- Kennedy & Sons, J. J., Zelienople, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Kentucky Feed & Grain Co., Louisville, Ky.  
 Marshall's Horse & Mule Feed.
- Keystone Flour Company, Clearfield, Pa.  
 Keystone Corn & Oats Chop.
- Keystone Grange Exchange, Harrisburg, Pa.  
 Keystone Grange Dairy Feed.
- King Brothers & Company, Philadelphia, Pa.  
 Pure Dried Brewers Grains,  
 Dried Sugar Beet Pulp,  
 Keystone Pure Cane Feeding Molasses,  
 Idlewilde Pure Powdered Buttermilk,  
 Ton-Gors.
- King Flour Mills Co., H. H., Minneapolis, Minn.  
 Gold Mine Feed,  
 Fairybow (Wheat Standard Middlings and Pulverized Wheat Screenings).  
 Fancy Brodflake (Wheat Bran and Ground Wheat Screenings).  
 Whitehope (Wheat Flour Middlings and Pulverized Wheat Screenings).  
 Modoc (Low Grade Wheat Flour).
- King Milling Company, Inc., M. D., Pittsfield, Ill.  
 King Pure Soft Wheat Bran.
- King Midas Mill Company, Minneapolis, Minn.  
 Cloverleaf Pure Wheat Bran.  
 Wheat Standard Middlings & Ground Wheat Screenings.  
 Snowball Wheat Flour Middlings & Ground Wheat Screenings,  
 Red Dog Wheat Flour.
- Kintner Milling Co., Mehoopauy, Pa.  
 Chop Feed (Corn and Oats).
- Kirk, D. W., Rockton, Pa.  
 Pure Buckwheat Middlings,  
 Pure Corn and Oats Chop.
- Klepser Brothers, Martinsburg, Pa.  
 Pure Wheat Bran.  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Klines Flour Mills Co., Brookville, Pa.  
 Pure Buckwheat Middlings,  
 Pure Corn and Oats Chop.

Klingler & Company, H. J., Butler, Pa.

Klingler's A No. 1 Dairy Ration with Beet Pulp,  
Klingler's A No. 1 Poultry Dry Mash with Buttermilk,  
Klingler's A No. 1 Scratch Feed,  
Klingler's A No. 1 Meat and Bone Scraps—50% Protein,  
Buckwheat Feed,  
Klingler's Pure Corn and Oats Chop.

Knecht Milling Co., Mill Hall, Pa.

Cow Feed,  
No. 1 Mixed Chop,  
Pure Winter Wheat Bran,  
Pure Wheat Flour Middlings.

Kraft, W. G., Porters Sideling, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings.

Kratz, H. B., Schwenksville, Pa.

Ideal Laying Mash No. 2,  
Ideal Hen Feed,  
Ideal Chick Food,  
Ideal Dairy Feed.

Krause Milling Co., Chas. A., Milwaukee, Wis.

Amerikorn Dairy Ration,  
Badger 16½% Sweet Dairy,  
Kramco Dairy Ration,  
Sweet Cud Dairy Ration,  
KooKoo Baby Chick Starter Mash,  
Blue Top Chick Growing Mash,  
KooKoo Egg Mash,  
Blue Top Egg Mash,  
KooKoo Growing Mash,  
Blue Top Scratch Feed N. G.,  
KooKoo Scratch Grains, N. G.,  
KooKoo Chick Feed, N. G.,  
Cream City Scratch Feed, N. G.,  
Blue Top Chick Feed No Grit,  
KooKoo Developing Feed N. G.

Kreutz Creek Farmers Cooperative Association, Stony Brook, Pa.

K. C. V. F. Square Deal Dairy Ration,  
K. C. V. F. Pure Corn and Oats Chop.

Ladish Company, The, Milwaukee, Wis.

Honor Dairy Feed with Beet Pulp,  
True Value Dairy Feed,  
Special Stock Feed,  
Pittsburgh Stock Feed,  
True Value Egg Mash with Buttermilk,  
True Value Growing Mash with Buttermilk,  
True Value Chick Starter Mash,  
Record Maker Scratch Feed,  
National Scratch Feed,  
Special Scratch Feed,  
Record Maker Baby Chick Feed,  
Pure Corn & Oat Chop.

La Grange Mills, Red Wing, Minn.

Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,  
Pure Fancy Coarse Wheat Bran,  
Wheat Flour Middlings,  
Extra Red Dog Flour (Pure Wheat Product).

Lake of The Woods Milling Company Limited, Montreal, Canada.

Lakewoods Wheat Bran,  
Lakewoods Wheat Shorts.

Lake Erie Milling Co., The, Toledo, Ohio.

Mallett's Yellow C. O. B. Chop.

Lake Shore Elevator Co., The, Cleveland, Ohio.

Pioneer Dairy Food,  
Lake Shore Dairy Food,  
Harteno Horse Food,  
Victory Grains Dairy Food,  
Puritan Stock Food,  
Quality Laying Mash with Buttermilk.



Lake Shore Scratch Food,  
Lake Shore Chick Food,  
Gro Chick Developing Food.

Lakeview Milling Co., The, Chambersburg, Pa.  
Soft Winter Wheat Bran,  
Soft Winter Wheat Middlings.

Lakewood Mills, Lakewood, Pa.  
Pure Corn Meal,  
Pure Corn & Oats Chop.

Lamparter's Sons, George, Lancaster, Pa.  
Red Rose Hog Tankage—55% Protein,  
Red Rose Meat Scrap—57% Protein.

Lancaster Food Digester Company, Lancaster, Pa.  
Pemberton Food Digester.

Lancaster Milling Co., Lancaster, Pa.  
Pure Wheat Bran,  
Pure Wheat Shorts,  
Pure Winter Wheat Middlings (Mixed Feed).

Lancaster Sanitary Milk Corp., Lancaster, Pa.  
Purity Condensed Skim-Milk.

Landis, Harry H., Telford, Pa.  
Landis' Formula For Dairy Ration.

Landes Bros., Yerkess, Pa.  
Landes Dry Mash.

Lantzy Milling Co., Barnesboro, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Home Ground Corn & Oats Chop.

Larabee Flour Mills Corporation, The, Kansas City, Mo.  
Wheat Bran & Wheat Screenings,  
Wheat Mixed Feed and Wheat Screenings,  
Pure Winter Wheat Gray Middlings,  
Red Dog (Fancy White Middlings).

Larrowe Buckwheat Flour Corporation, Cohocton, N. Y.  
Buckwheat Offal Feed with Screenings not exceeding Mill Run.

Larrowe Milling Company, The, Detroit, Mich.  
Larro, The Ready Ration for Dairy Cows,  
Larrowe's Big 6 Six Complete Dairy Feed,  
Larrowe Hog Feed,  
Larrowe Brand Choice Cottonseed Meal,  
Dried Beet Pulp.

Laudenslager, M. M., Macungie, Pa.  
Mixed Chop.

Laurel Park Mills, Millmont, Pa.  
Yagel's Dairy Feed,  
Laurel Park Mills Hen Food,  
Pure Winter Wheat Bran,  
Yagel's Pure Wheat Middlings,  
Yagel's Pure Corn & Oats Chop.

Lavery's Sons, J. H., Franklin, Pa.  
L-M Dairy Feed,  
L-M Scratch Feed,  
L-M Corn & Oats Chop.

Lawrenceburg Roller Mills Company, Lawrenceburg, Ind.  
"Snowflake" Wheat Bran and Ground Screenings,  
"Snowflake" Wheat Middlings and Ground Screenings.

Leaman, E. D., Ronks, Pa.  
Leaman's 18% Dairy Feed,  
Leaman's 24% Dairy Feed,  
Leaman's Horse Feed,  
Leaman's Hog Meal,  
Leaman's Scratch Feed,  
Leaman's Poultry Mash.

Lebanon Hide & Rendering Works, Lebanon, Pa.  
Meat and Bone Meal.

- Lee Co., Geo. H., Omaha, Nebr.  
Lee's Egg Maker and Chick Grower.
- Lee Flour Mills Co., The H. D., Salina, Kansas.  
Wheat Bran and Ground Wheat Screenings,  
Wheat Grey Shorts.
- Leeper Roller Mills, Leeper, Pa.  
Pure Corn & Oats Chop,  
Pure Wheat Bran,  
Pure Wheat Midds.
- Lehigh Stock Food Company, Bethlehem, Pa.  
Lehigh Baby Chick Food.
- Lemont, Fred L., Philadelphia, Pa.  
Leader Corn Meal.
- Lewis, Frank C., Doylestown, Pa.  
Farmers Friend Dairy Ration,  
Lewis' Egg Mash.
- Lewis, J. R., Orson, Pa.  
Pure Corn & Oats Chop,  
Pure Corn Meal.
- Lewis & Bros. Co., John T., Philadelphia, Pa.  
Linseed Oilcake—34% Protein,  
Linseed Cake Meal—34% Protein.
- Ligonier Flour Mills, The, Ligonier, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Buckwheat Feed,  
Pure Corn and Oats Chop.
- Lime Valley Mills, Lime Valley, Pa.  
Mixed Feed (Wheat Bran, wheat middlings and oats),  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Lincoln Brothers, Spring City, Pa.  
Lincoln Bros. Scratch Grains,  
Lincoln Bros. Egg Mash.
- Linesville Coal, Lime & Cement Co., Linesville, Pa.  
Pure Corn and Oat Chop,  
Pure Corn Meal.
- Linesville Milling Company, Linesville, Pa.  
Pure Corn & Oats Chop,  
Pure Corn Meal,  
Buckwheat Middlings.
- Long, W. H., Howard, Pa.  
Long's Special Dairy Ration,  
Standard Chop,  
Long's Special Laying Mash with Buttermilk,  
Long's Special Scratch Feed,  
Pure Wheat Bran,  
Pure Fine Wheat Bran,  
Wheat White Middlings,  
Pure Corn & Oats Chop.
- Longwill & Son, H. W., Dixonville, Pa.  
Poultry Mash,  
Corn and Oats Chop.
- Lord, Fred E., Espy, Pa.  
Fish Meal—50% Protein,  
Meat Meal—45% Protein,  
Feeding Tankage—40% Protein.
- Loudonville Milling Co., The, Loudonville, Ohio.  
Winter Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
LeGrande Pure Wheat Bran.
- Louisville Milling Company, Inc., Louisville, Ky.  
Sonny South Hominy Feed,  
Sonny South Bran (Pure Wheat Bran).

- Lovitt and Company, L. B., Memphis, Tenn.  
 "Lovitt Brand D" 36% Cotton Seed Feed,  
 "Lovitt Brand" 41% Protein Cottonseed Meal,  
 "Lovitt Brand" 43% Protein Cottonseed Meal.
- Loysville Roller Mills, Loysville, Pa.  
 Superior Pure Wheat Bran,  
 Superior Pure Wheat Middlings,  
 Superior Pure Corn & Oats Chop.
- Lucinda Roller Mills, Lucinda, Pa.  
 Pure Corn & Oats Chop,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Luzerne Milling Company, Luzerne, Pa.  
 Laying Mash,  
 No. 1 Chop (Corn & Oats).
- Lycoming Mills, Williamsport, Pa.  
 Blue Ribbon Poultry Feed,  
 Pure Wheat Bran,  
 Pure Wheat Midds,  
 Pure Buckwheat Midds,  
 Pure Corn & Oats Chop.
- Lykens Valley Roller Mills, Millersburg, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Midds,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Lyon and Greenleaf Company, Ligonier, Ind.  
 Waseo Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
 Waseo Wheat Bran with Ground Screenings not Exceeding Mill Run.
- Lysinger & Son, H. H., Bedford, Pa.  
 Hi-Power Egg Mash,  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- McCahan Sugar Refining & Molasses Co., The W. J., Phila., Pa.  
 Cane Molasses Blackstrap.
- McCall's Sons, T. Frank, Chester, Pa.  
 McCall's Special Horse Feed.
- McCarty & Sons, Taylor, Sugar Run, Pa.  
 Buckwheat Feed.
- McCauley, McKay & Co., Brockwayville, Pa.  
 Pure Buckwheat Midds,  
 Pure Corn Meal,  
 Pure Corn & Oats Chop.
- McCrabb, Philip, Holtwood, Pa.  
 Pure Wheat Middlings,  
 Pure Wheat Bran.
- McCullough, W. W., West Bridgewater, Pa.  
 McCullough's Chicken Mash.
- McKeage, Wm., Cherry Tree, Pa.  
 Mixed Chop,  
 Pure Wheat Middlings,  
 Pure Wheat Bran,  
 Pure Buckwheat Middlings,  
 Pure Corn & Oats Chop.
- McKeage & Campbell, Mahaffey, Pa.  
 Pure Corn & Oats Chop.
- McKeesport Tin Plate Co., McKeesport, Pa.  
 Branner Refuse.
- McKenzie Milling Company, Quincy, Mich.  
 McKenzie's Pure Wheat Bran,  
 McKenzie's Pure Wheat Middlings,

- McLaughlin, W. F., Waynesboro, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- McMahan, C. H., Milton, Pa.  
 McMahan's Milk & Muscle Producer,  
 McMahan's Mash Feed and Pig Grower.
- McMillen Company, The, Fort Wayne, Ind.  
 Wayne Dairy Feed,  
 Jumbo Dairy Feed,  
 Wayne Special Horse Feed,  
 Wayne Supreme Horse Feed,  
 Jumbo Stock Feed with Molasses,  
 Jumbo Stock Feed,  
 Wayne Calf Meal,  
 Wayne Pig & Hog Meal,  
 Wayne Egg Mash with Dried Buttermilk,  
 Wayne Growing Mash with Dried Buttermilk,  
 Universal Egg Mash with Dried Buttermilk,  
 Wayne Chick Starter with Dried Buttermilk,  
 Wayne Scratch Feed,  
 Universal Scratch Feed,  
 Jumbo Scratch Feed,  
 Wayne Poultry Developer,  
 Wayne Chick Feed.
- McMurtrie & Co., Geo. K., Belvidere, N. J.  
 Horse Feed,  
 Dry Mash.
- McQuiston Bros. Co., Meadville, Pa.  
 Imperial Dairy Feed,  
 Imperial Laying Mash,  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- M. & H. Pure Food Stores, Felton, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Mack Brothers, Titusville, Pa.  
 Ideal Pure Corn, Oats & Barley Chop,  
 Pure Corn Meal.
- Mackeyville Roller Mill, Mackeyville, Pa.  
 Pure Corn and Oats Chops,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Mahoning Valley Milling Co., Punxsutawney, Pa.  
 Toll Chop,  
 Pure Buckwheat Middlings,  
 Pure Corn & Oats Chop.
- Manbeck & Company, W. H., Mifflin, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Manheim Milling Co., Manheim, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Short,  
 Pure Wheat Middlings.
- Manifold, W. E., Fawn Grove, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Mann Bros. Co., The, Buffalo, N. Y.  
 34% Protein Pure Old Process Linseed Meal.
- Mann & Allshouse, Easton, Pa.  
 Mixed Feed,  
 Poultry Mash,

Pure Wheat Bran,  
Pure Wheat Middlings.

Mapl-Flake Mills, Inc., Chicago, Ill.  
Armour's 24% Dairy Feed,  
Bufceco Hominy Feed,  
Yellow Hominy Feed.

Maple Leaf Milling Company, Ltd., Toronto, Canada.  
Rex Wheat Middlings Screenings Not Exceeding Mill Run,  
Wheat Bran,  
Bonny White Middlings,  
Rex Wheat Bran.

Marian Center Milling Co., Marian Center, Pa.  
Penna. Hog Feed,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Buckwheat Middlings,  
Corn & Oats Chop,  
Pa. Dairy Feed.

Marion Cotton Oil Company, Marion, S. C.  
Cotton Seed Feed—36% Protein,  
Pee Dee Brand Cotton Seed Meal—41% Protein.

Marion Roller Mills, Stouchsburg, Pa.  
Pure Wheat Bran,  
Wheat Middlings.

Maritime Milling Co., Inc., Buffalo, N. Y.  
Bull Brand Dairy Ration,  
Hi-Test Dairy Feed,  
Red E Mixt Creamery Feed,  
Bull Brand Laying Mash (with Dried Buttermilk),  
Bull Brand Stock Feed,  
Bull Brand Growing Mash (with Dried Buttermilk),  
Bull Brand Developing Feed,  
Bull Brand Chick Feed,  
Daisy Chick Feed,  
Bull Brand Scratch Feed,  
Red E Mixt Scratch Feed,  
Daisy Scratch Feed,  
Hi Test Stock Feed,  
Red E Mixt Horse Feed (with Molasses),  
Bull Brand Chop Feed,  
Bull Brand Chick Starter (with Dried Buttermilk),  
Jersey Dry Mash,  
Red E Lay Laying Mash,  
Bull Brand Pigeon Feed,  
Bull Brand Wheat Flour Middlings (may contain mill run of ground screenings),  
Bull Brand Heavy Mixed Feed,  
Red Dog Wheat Flour.

Markelsville Roller Mills, Markelsville, Pa.  
Pure Winter Wheat Bran,  
Pure Wheat Middlings.

Markleysburg Milling Co., The, Markleysburg, Pa.  
Mixed Chop,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Buckwheat Feed,  
Pure Corn & Oats Chop,  
Pure Corn Meal.

Martin & Son, J. E., Carlisle, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,

Martin, W. R., Marianna, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Chop (Corn & Oats).

Martin & Company, Altoona, Pa.  
Martin's Liberty Standard Mixed Grains,  
Martin's Growing Mash,



Martin's Liberty Standard Laying Mash,  
Martin's Corn & Oat Chop.

Martins Creek Feed Mill, Martins Creek, Pa.  
Mixed Feed.

Mathers Brothers, Greenville, Pa.  
Buckwheat Feed, Buckwheat Middlings & Buckwheat Hull Ground Together,  
Pure Buckwheat Feed,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop,  
Pure-Corn Meal.

Mathews Flour & Feed Mills, Jones Mills, Pa.  
Pure Wheat Bran,  
Pure Corn & Oats Chop,  
Pure Corn Meal,  
Pure Wheat Midd.

Matthews & Sons, Inc., C. P., Scranton, Pa.  
Horse Feed (Half Corn and Half Oats Ground Together).  
C. P. Matthews & Sons, Inc., No. 1 Dairy Feed,  
C. P. Matthews & Sons, Inc., Best Cow Feed,  
C. P. Matthews & Sons, Inc., Poultry Mash,  
C. P. Matthews & Sons, Inc., Premium Growing Mash for Baby Chicks,  
C. P. Matthews & Sons, Inc., No. 2 Mixed Feed,  
C. P. Matthews & Sons, Inc., Pure Mixed Grain Premium for Fancy Poultry,  
C. P. Matthews & Sons, Inc., Wyandotte Scratch Grain,  
C. P. Matthews & Sons, Inc., Best Mixed Grain for Chickens,  
Pure Corn Meal,  
C. P. Matthews & Sons, Inc., Best Mixed Grain for Little Chickens.

Maurer Manufacturing Co., Newark, N. J.  
Maurer's Kwality Digester Tankage,  
Maurer's Kwality Meat & Bone Scrap,  
Maurer's Standard Meat & Bone Scrap. 40% Protein,  
Maurer's Standard Meat & Bone Scrap. 45% Protein.

Mauser Mill Co., Treichlers, Pa.  
Mauser's Dairy Ration,  
Mauser's Stockfeed,  
Mauser's Laying Mash,  
Mauser's Developing Feed,  
Mauser's Chickfeed,  
Mauser's Henfood,  
Mauser's Flour Middlings with ground screenings not exceeding mill run,  
First Prize Scratch Feed,  
Red Star Mixed Chop,  
Wheat Bran, with ground screenings not exceeding mill run,  
Wheat & Rye White Middlings with Ground screenings not exceeding Mill Run,  
Red Wheat Middlings, with ground screenings not exceeding mill run,  
Red Rye Middlings,  
White Rye Middlings.

Mausser & Cressman, Catasauqua, Pa.  
Poultry Mash,  
Mixed Chop.

Mayer, Frank M., Bellefonte, Pa.  
Mayer's Dairy Feed,  
Mixed Chop,  
Pure Wheat Bran,  
Pure Wheat Middlings.

Meyer Grain Co., South Whitley, Ind.  
Standard Poultry and Chick Feed,  
Pure Corn and Oats Chop.

Mayflower Mills, Fort Wayne, Ind.  
Mayflower Bran with Ground Screenings not Exceeding Mill Run,  
Mayflower Middlings with Ground Screenings not Exceeding Mill Run.

Mays, C. P., Cooperstown, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

- Mazeppa Milling Co., Lewisburg, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Meek Estate, R. C., Allenwood, Pa.  
 Our Dairy Feed.
- Memphis Cottonseed Products Co., Inc., Memphis, Tenn.  
 Durham Brand 41% Cotton Seed Meal,  
 Durham Brand 43% Cotton Seed Meal.
- Mennel Milling Co., The, Toledo, Ohio.  
 Mennel's Winter Mixed Feed—Winter Wheat Bran and Winter Wheat Middlings with Ground Screenings not Exceeding Mill Run—Harter.  
 Mennel's Middlings—Winter Wheat Feed with Ground Screenings not exceeding Mill Run—Harter.  
 Mennel's Fancy Bran—Winter Wheat Feed—Harter.  
 Mennel's Fancy Bran—Spring Wheat Feed—Harter.  
 Mennel's Pure Corn & Oats Chop—Harter.
- Meservey, M. C., New Milford, Pa.  
 Pure Corn & Oat Feed,  
 Pure Corn Meal.
- Meyer Milling Co., The, Annville, Pa.  
 Pure Winter Wheat Bran.  
 Pure Winter Wheat Middling.
- Meyersdale Milling Company, Meyersdale, Pa.  
 Pure Corn & Oats Chop.
- Midland Flour Milling Co., The, Kansas City, Mo.  
 Bessie Anna Bran (with ground wheat screenings not exceeding 8%).  
 Little Pig Middlings (with ground wheat screenings not exceeding 8%).  
 Pathfinder Shorts (with Ground wheat screenings not exceeding 8%).
- Mifflinburg Farmers Exchange, Inc., The, Mifflinburg, Pa.  
 Farmers' Dairy Cow Milk Producer,  
 Healthy Hen Food, Make 'Em Lay,  
 Healthy Chick Food, Make 'Em Grow,  
 Corn & Oats Chop.
- Mill Village Cooperative Association, The, Mill Village, Pa.  
 Pure Corn & Oats Chop.
- Millard and Sons, Kingston, Pa.  
 Mixed Chop,  
 Blue Ribbon Dairy Ration,  
 Blue Ribbon Laying Mash,  
 Blue Ribbon Poultry Feed,  
 Red Feather Scratch Feed,  
 Blue Ribbon Chick Feed.
- Mills of Albert Lea Co., Minneapolis, Minn.  
 Albert Lea Wheat Standard Middlings & Ground Wheat Screening,  
 Albert Lea Wheat Flour Middlings & Ground Wheat Screenings,  
 Albert Lea Pure Wheat Bran.
- Milwaukee Grains and Feed Company, Milwaukee, Wis.  
 "Crown" Brewers Dried Grains.
- Miner-Hillard Milling Co., Wilkes-Barre, Pa.  
 Mihimico Dairy Feed,  
 Mihimico Stock Feed,  
 No. 1 Poultry Mash,  
 Superior Growing Mash,  
 Little Chick Starter,  
 Mixed Chop,  
 No. 1 Chop,  
 Colonial Middlings,  
 Wheat Bran with Screenings not Exceeding Mill Run,  
 Wheat Middlings with Screenings not Exceeding Mill Run,  
 Rye Middlings with Screenings not Exceeding Mill Run,  
 Buckwheat Middlings with Screenings not Exceeding Mill Run,  
 No. 1 Scratch Feed,  
 Intermediate Scratch Feed,

No. 1 Pigeon Feed,  
 Mixed Chicken Feed,  
 Little Chick Feed,  
 Special Scratch Feed,  
 Steam Cooked Hominy Feed,  
 1795 Steam Cooked Corn & Oats,  
 White Wheat Middlings.

Minneapolis Milling Company, Minneapolis, Minn.  
 Minneapolis Wheat Standard Middlings with Ground Screenings not Exceeding Mill Run,  
 Wheat Flour Middlings—Ground Screenings not Exceeding Mill Run.  
 Pure Wheat Bran,  
 Golden Pure Durum Wheat Flour Middlings.

Minnesota Linseed Oil Company, Minneapolis, Minnesota.  
 Old Process Linseed Oil Meal—34% Protein.

Minor & Son, S. K., Washington, Pa.  
 Pure Corn & Oats Chop.

Moffat Flour Mills, Inc., Buffalo, N. Y.  
 Red Jacket Mixed Feed,  
 Milk Maids Choice Dairy Feed,  
 C. O. B. Chop,  
 Red Jacket Laying Mash,  
 Red Jacket Wheat Bran,  
 Red Jacket Wheat Flour Middlings.

Monaca Roller Mills, Monaca, Pa.  
 Pure Corn & Oats Chop.

Moon & Co., Inc., Geo. Q., Binghamton, N. Y.  
 Wheat Bran with Ground Screenings not to Exceed Mill Run,  
 Moon's Laying Mash with Dried Buttermilk,  
 Our Make Fresh Ground Mixed Feed with Ground Screenings not to exceed Mill Run,  
 Fresh Ground Middlings.  
 Old Times Horse Feed (Corn & Oats Ground).

Moose & Junkin, Cisna Run, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.

Morris Drug Co., York, Pa.  
 Popular Chick Food with Buttermilk, Medicated.

Moseley & Motley Milling Co., Rochester, N. Y.  
 Big B Wheat Bran,  
 Big B Wheat Middlings with Ground Screenings not Exceeding Mill Run.

Moses Bros. Company, Inc., Eaton, N. Y.  
 The Cornell Ration for Laying Hens (Formula 201),  
 3MMM Dairy Ration.  
 Eaton Grain Mixture,  
 Pure Ground Corn and Oats,  
 Pure Corn Meal.

Mt. Holly Feed & Grain Co., The, Mt. Holly Springs, Pa.  
 Holly-O, Pure Cane Molasses Dairy Feed.

Moseley, R. S., East Anrora, N. Y.  
 Moseley's "Vita Vim" Starting and Growing Mash.

Moyer & Son, Souderton, Pa.  
 Molasses Dairy Feed,  
 Moyer & Son Dairy Feed,  
 Five Part Mash,  
 Extra Poultry Mash,  
 Specialty Poultry Mash.

Mutual Rendering Company, Inc., Philadelphia, Pa.  
 Mureco Meat & Bone—50% Protein,  
 Mureco Meat Meal—55% Protein,  
 Mureco Feeding Tankage—60% Protein.

Myers, R. E., Forks, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.

Myers & Son, R. B., Arendtsville, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,

Mystic Milling & Feed Co., Rochester, N. Y.

Mystic Milk Maker,  
Mystic Laying Mash,  
Mystic Scratching Grains,  
Yellow Corn Feed Meal,  
Ground Corn & Oats.

Mystic Mills, Sioux City, Iowa.

Sioux Poultry Feed,  
Sioux Developing Feed,  
Sioux Chick Feed,  
Cheyenne Poultry Feed,  
Mohawk Poultry Feed,  
Blackhawk Poultry Feed,  
Mystic Hominy Feed,  
Home Made Corn and Oat Chop.

National Cottonseed Products Corporation, Memphis, Tenn.

Star Brand Cottonseed Meal—41% Protein,  
Planet Brand Cottonseed Meal—43% Protein.

National Feed Mills Company, The, Yellow Springs, Ohio.

Kornobar Chop,  
Silver Scratch Feed.

National Milling Co., The, Toledo, Ohio.

Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
National Feed (Wheat Bran and Wheat Middlings with Ground Screenings not Exceeding Mill Run),  
Osota Feed (Wheat Bran and Wheat Middlings with Ground Screenings not Exceeding Mill Run),  
Pennant Feed (Wheat Bran, Wheat Middlings and Wheat Flour with Ground Screenings not Exceeding Mill Run),  
Pure Wheat Bran.

New Castle Milling Co., New Castle, Pa.

New Castle Milling Company Pure Winter Wheat Bran,  
New Castle Milling Company Pure Wheat Middlings,  
New Castle Milling Company Pure Corn & Oats Chop.

New Era Mills, Mansfield, Pa.

Corn & Oat Feed.

New Florence Flour Mill, New Florence, Pa.

Vim Stockfeed,  
New Florence Dairy Ration,  
Pure Corn & Oats Chop.

New Hamburg Mills, Fredonia, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings.

New Ulm Roller Mill Co., New Ulm, Minn.

Compass Pure Wheat Bran,  
Compass Pure Wheat Flour Middlings.

Newport Mills, Newport, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Newsome Feed & Grain Company, Pittsburgh, Pa.

Palmo Midds (Wheat and Rye Middlings with Ground Screenings not exceeding Mill Run and Palm Oil).

Newton Feed Company, Buffalo, N. Y.

Nutrio 24% Dairy Ration.

Niagara Falls Milling Company, Niagara Falls, N. Y.

Niagara Choice Wheat Middlings, Trace of Scourings,  
Niagara Choice Wheat Bran,  
Niagara Choice Wheat Flour Middlings.

Nickel Plate Flour Mills, Erie, Pa.

Nickel Plate Poultry Mash,  
Nickel Plate Scratch Feed,  
Nickel Plate Chick Feed.  
Pure Corn & Oats Chop.

Northern Illinois Cereal Co., Lockport, Ill.

Reground Oat Feed.

Northwestern Consolidated Milling Co., The, Minneapolis, Minn.

Wheat Standard Middlings with Ground Screenings not Exceeding Mill Run.  
Wheat Flour Middlings with Ground Screenings Not Exceeding Mill Run.  
Wheat Mixed Feed (Wheat Bran Wheat Flour Middlings and Ground Screenings not exceeding Mill Run),  
Pure Wheat Bran, No Screenings—No Scourings,  
X X X Comet (Pure Wheat Reddog Flour),  
Planet Wheat Mixed Feed.

Northwestern Elevator & Mill Co., The, Toledo, Ohio.

Taylor's Wheat Middlings with Ground Screenings not Exceeding Mill Run.  
Taylor's Pure Wheat Bran.

Northwestern Feed Co., Minneapolis, Minn.

Wheat Flour Middlings with ground screenings not exceeding mill run.

Northwestern Milling Co., Minneapolis, Minn.

Wheat Bran with Ground Screenings not Exceeding Mill Run,  
White Flour Middlings with Ground Screenings not Exceeding Mill Run,  
Standard Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
Pure Wheat Bran.  
Fancy Red Dog Flour.

Nowak Milling Corporation, Hammond, Ind.

Domino Alfalfa Meal,  
Domino Butterine Dairy Feed,  
Domino Cream O Lenc Dairy Feed,  
Domino 24½% Dry Dairy Feed,  
Domino Union Dairy Feed,  
Fidelity Dairy Feed,  
Hammond Dairy Feed,  
Marathon Dairy Feed,  
Domino Alfalfa Horse Feed,  
Domino Pep O Lenc Horse Feed,  
Domino Vim O Lenc Horse Feed,  
Marathon Horse Feed,  
Fidelity Stock Feed,  
Domino Growing Mash with Buttermilk,  
Domino Laying Mash with Buttermilk,  
Domino Baby Chick Starter with Buttermilk,  
Domino Chick Feed,  
Domino Developing Feed,  
Domino Pigeon Feed,  
Domino Scratch Feed,  
Export Scratch Feed,  
Fidelity Scratch Feed,  
Marathon Laying Mash with Buttermilk,  
Marathon Chick Feed,  
Marathon Scratch Feed,  
Cotton Seed Meal—41% Protein,  
Old Process Linseed Oil Meal—32% Protein,  
Hominy Feed,  
Standard Corn Feed Meal,  
Domino Corn & Oats Fine Ground,  
Domino Corn & Oats Crushed.

Oberholtzer, A. L., Ironbridge, Pa.

Pure Wheat Bran.  
Pure Wheat Middlings.

Oesterling & Son, P. J., Butler, Pa.

Pure Corn Meal,  
Pure Corn & Oats Chop,  
Sunsides Open Formula Egg Mash.

Ogilvie Flour Mills Co., Ltd., The, Montreal, Canada.

Ogilvie's Oat Feed,  
Ogilvie's Pure Wheat Bran,  
Ogilvie's Pure Wheat Shorts.



Oil City Milling Co., Oil City, Pa.  
Pure Corn and Oats Chop.

Old Reliable Milling Company, Detroit, Mich.  
Detroit Dairy Ration,  
Old Reliable Dairy Ration,  
Puraflex Ground Screenings,  
Belle Isle Dairy Ration.

Omaha Flour Mills Co., Omaha, Nebr.  
Omar Standard Wheat Midds and Ground Wheat Screenings.  
Omar Pure Wheat Bran.

Omwake Bros., Greencastle, Pa.  
L. R. Walck's Mash for Poultry, with Buttermilk,  
C. V. All Grain Hen Feed.

Orangeville Milling Co., Orangeville, Pa.  
Pure Corn & Oats Chop,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Orange Poultry Mash.

Osakis Milling Company, Osakis, Minn.  
Pure Fancy Wheat Bran,  
Pure Wheat Middlings,  
Pure Wheat Flour Middlings.

Otto, Fred, North East, Pa.  
Pure Buckwheat Shorts,  
Pure Rye Shorts,  
Pure Corn and Oats Chopped.

Otto, Joseph, North East, Pa.  
Cow Feed,  
Corn & Oats Chop.

Owings Bros., York, Pa.  
June Bug Laying Mash,  
June Bug Scratch Feed.

Park & Pollard Co., Inc., The, Buffalo, N. Y.  
Stevens "44" Dairy Ration,  
Stevens "44" Sweetened Dairy Ration,  
Universal Ration,  
Economy Feed,  
Arlington Horse Feed,  
Chelsea Horse Feed,  
Bison Stock Feed Sweetened,  
The Park & Pollard Co. Stock Feed,  
GoTuIt Hog Ration,  
Stevens Milkade Calf Meal,  
Bonnie Booster,  
Growing Feed,  
Legborn Special Dry-Mash,  
Lay or Bust Dry-Mash,  
Bidwell Dry-Mash,  
Red Ribbon Scratch Feed,  
Over the Top Scratch Feed,  
Bidwell Scratch Feed,  
Intermediate Chick Feed,  
Red Ribbon Chick Feed,  
Baby Buster Chick Feed,  
Pigeon Feed,  
Corn Feed Meal,  
Pretty Special Mixed Feed,  
Corn & Oats  $\frac{1}{2}$  &  $\frac{1}{2}$ .

Park & Pollard Co. of Illinois, The, Chicago, Ill.  
P & P Alfalfa Molasses Horse Feed.

Parker Milling Company, The, Parkers Landing, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Buckwheat Middlings,  
Pure Corn & Oats Chop.

- Patent Cereals Co., The, Geneva, N. Y.  
Hominy Feed.
- Patterson Milling Co., Saltsburg, Pa.  
Wheat Flour Middlings,  
Wheat Bran.
- Patuxent Guano Co., Baltimore, Md.  
Patuxent Meat Meal for Poultry, Hogs and Calves.
- Paxton Flour & Feed Company, Harrisburg, Pa.  
Corn & Oats Chop.
- Pedrick, J. S., Nicholson, Pa.  
Pure Corn Meal,  
Pure Corn & Oats Chop.
- Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.  
Douglas Corn Gluten Feed,  
Douglas Corn Gluten Meal.
- Penn Grains & Feed Company, Philadelphia, Pa.  
"Peerless" Brewers' Dried Grains.
- Penna. Central Brewing Co., Wilkes-Barre, Pa.  
Dried Brewers' Grain.
- Perfection Roller Mills, Mainville, Pa.  
Mixed Corn & Oats Chop,  
Pure Wheat Middlings,  
Pure Wheat Bran.
- Perry & Henderson, Connellsville, Pa.  
Ideal Scratch Grain,  
Pure Corn & Oats Chop.
- Peters Mill Co., M. C., Omaha, Nebraska.  
Peters' Arab Horse Feed,  
Peters' King Corn Horse and Mule Feed.
- Pfeffer Milling Co., Lebanon, Ill.  
Pfeffer Milling Co. Middlings with Ground Screenings not Exceeding Mill Run,  
Pfeffer Milling Co. Pure Wheat Bran.
- Phelps & Sibley Co., Cuba, N. Y.  
Phelps & Sibley Co. Mon-E-Maker Dairy Ration,  
Pasco Dairy Ration,  
Pasco Growing Mash with Buttermilk,  
Big Egg Favorite Poultry Mash,  
Big Egg Favorite Mixed Grains,  
Phelps & Sibley Co.'s Favorite Baby Chick Feed,  
Phelps & Sibley Co. Favorite Intermediate Chicken Feed,  
Phelps & Sibley Co. Scratch Grains,  
Phelps & Sibley Co. Yellow P. & S. Feed,  
Phelps & Sibley Co. Yellow Corn Feed Meal-A,  
Phelps & Sibley Co. Fancy Wheat Bran with Ground Screenings not Exceeding Mill Run,  
Phelps & Sibley Co. Fancy Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
Phelps & Sibley Co. Wheat Red Dog Flour,  
Phelps & Sibley Co. Mixed Wheat Feed,  
Phelps & Sibley Co. Pure Corn & Oats Feed,  
"PS" Dairy Ration.
- Philadelphia Seed Co., Inc., The, Philadelphia, Pa.  
Purgrain Pigeon Feed No. 1,  
Purgrain Pigeon Feed No. 2,  
Purgrain Pigeon Feed No. 4,  
Purgrain Scratch Feed No. 1,  
Purgrain Laying Mash,  
Purgrain Chick Starter No. 1.  
40% Meat & Bone Meal.
- Phillips, C. A., Meyersdale, Pa.  
Superior Pure Corn & Oats Chop.
- Phoenix Cotton Oil Co., Memphis, Tenn.  
Phoenix Brand Cottonseed Meal.

Phoenix Flour Mills, Davenport, Iowa.

Wheat Flour Middlings with Mill Run of Screenings,  
Wheat Standard Middlings with Mill Run of Screenings,  
Pure Wheat Bran.

Phoenix Flour Mill, Evansville, Ind.  
Pure Wheat Bran.

Piel Bros. Starch Company, Indianapolis, Ind.  
P Bro. Corn Gluten Feed.

Pillsbury Flour Mills Company, Minneapolis, Minn.  
Pillsbury's Dairy Ration,  
Pillsbury's Egg Mash,  
Pillsbury's Starting Feed with Buttermilk,  
Pillsbury's Scratch Grains,  
Pillsbury's Chick Grains No Grit,  
Palisade Scratch Feed No Grit,  
Palisade Chick Feed No. Grit,  
Pillsbury's Hard Wheat Bran and Screenings,  
Pillsbury's Hard Wheat Standard B. Middlings and Screenings,  
Pillsbury's Durum Wheat Bran and Screenings,  
Pillsbury's Durum Wheat Standard B Middlings and Screenings,  
Pillsbury's Hard Wheat A Middlings and Screenings,  
Pillsbury's Fancy Mixed Feed and Screenings,  
Pillsbury's Rye Middlings and Screenings,  
Pillsbury's Wheat Bran and Screenings,  
Pillsbury's Wheat Gray Shorts,  
Pillsbury's XX Daisy, (Wheat Reddog),  
Pillsbury's No. "2" Feed.

Pine Grove Flour & Feed Mill, Russell, Pa.  
Pine Grove Dairy Feed,  
Pure Corn & Oat Chop.

Pittsburgh Brewing Company, Pittsburgh, Pa.  
Dried Brewers Grains.

Pittsburgh Melting Co., Pittsburgh, Pa.  
Steel City Meat and Bone Scrap—50% Protein.

Pittsburgh Plate Glass Company, Red Wing, Minn.  
Red Wing Linseed Meal—34% Protein.

Pittsburgh Provision & Packing Co., Pittsburgh, Pa.  
Keystone Brand Beef Scrap, Meat & Bone—50% Protein,  
Keystone Brand Beef Meal, Meat and Bone—50% Protein,  
Keystone Brand Digestible Tankage Meat & Bone—50% Protein,  
Poultry Bone.

Pittston Milling Co., Pittston, Pa.  
Corn & Oats Chop, No. 2,  
Pure Corn Meal,  
Ground Oats & Corn.

Plant Milling Co., Geo. P., St. Louis, Mo.  
"Circle P" Wheat Bran with Ground Wheat Screenings not exceeding Mill Run,  
"Circle P" Wheat Middlings with Ground Wheat Screenings not exceeding Mill Run,  
"Circle P" Wheat Mixed Feed with Ground Wheat Screenings not exceeding Mill Run.

Pollock Flour & Feed Co., The, Ford City, Pa.  
Fresh Ground Corn & Oats Chop.

Polo Mills Company, East St. Louis, Ill.  
Diamond Dairy Feed,  
Holsum Hen Feed,  
Holsum Chick Feed.

Port Allegany Milling Co., Port Allegany, Pa.  
Pure Corn and Oats.

Portville Mills, Portville, N. Y.  
Big Four Dairy Feed,  
Cornell Mash,  
Corn Feed Meal,  
Pure Corn and Oat Feed.

- Postel Milling Co., P. H. H., Mascoutah, Ill.  
 Postel's Pure Soft Red Winter Wheat Bran (Clear of Screenings),  
 Postel's Pure Soft Red Winter Wheat Middlings (Clear of Screenings).
- Postum Cereal Company, Inc., Battle Creek, Mich.  
 Burt's Dairy Feed,  
 Burt's Prime Stock Feed  
 Burt's Hominy Feed.
- Pottstown Roller Mills, Pottstown, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Pottsville Feed Company, Pottsville, Pa.  
 Dried Brewers' Grains.
- Prairie State Milling Company, Chicago, Ill.  
 Lexington Horse Feed,  
 Emerald Horse Feed,  
 Early Egg Scratch Feed,  
 Prairie State Stock Feed.
- Pratt Food Company, Phila., Pa.  
 Pratts Supreme Dairy Ration,  
 Pratts Victory Dairy Ration,  
 Pratts XXX Supreme Dairy Ration,  
 Pratts Supreme Horse Feed,  
 Pratts Horse Feed with Alfalfa,  
 Pratts Utility Horse Feed,  
 Pratts Victory Laying Mash with Buttermilk,  
 Pratts Supreme Laying Mash with Buttermilk,  
 Pratts Supreme Growing Mash with Buttermilk,  
 Pratts Baby Chick Food with Buttermilk,  
 Pratts Circle "A" Chick Scratch Feed,  
 Pratts Utility Large Scratch Feed,  
 Pratts Circle "A" Scratch Feed Large Size,  
 Pratts Victory Large Scratch Feed,  
 Pratts Supreme Scratch Feed Large Size,  
 Pratts Victory Intermediate Scratch Feed,  
 Pratts Supreme Intermediate Scratch Feed,  
 Pratts No Corn Chick Scratch Feed,  
 Pratts Victory Chick Scratch Feed,  
 Pratts Supreme Chick Scratch Feed.
- Preston Brothers, Canton, Pa.  
 Pure Corn and Oat Chop.
- Preston & Jaquish, Troy, Pa.  
 Dry Mash for Poultry,  
 Pure Corn Meal,  
 Pure Corn and Oat Chop.
- Pride & Son, H. Z., Westfield, Pa.  
 Corn and Oats Chop.
- Pritts, J. E., Scottdale, Pa.  
 Pritts Dairy Feed,  
 Pritts Pig Feed,  
 Pritts Egg Mash,  
 Pure Corn & Oats Chop.
- Procter & Gamble Distributing Company, The, Cincinnati, Ohio.  
 P & G Copra Oil Meal.
- Prosser, J. M., Bedford, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Buckwheat Middlings,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Purity Oats Company, Keokuk, Iowa.  
 Purity Oat Groat Nutriment.
- Putnam & Parker, Columbus, Pa.  
 Pure Corn & Oats Chop.  
 Pure Corn Meal.

Quaker City Flour Mills Co., Phila., Pa.  
 Quaker City Flour Mills Co. Winter Wheat Bran.  
 Quaker City Flour Mills Co. Winter Wheat Middlings.

Quaker Oats Company, The, Chicago, Ill.  
 Big "Q" Dairy Ration,  
 Boss Dairy Ration,  
 Green Cross Horse Feed,  
 Sterling C. O. & B. Feed,  
 Vim Feed (Oatmeal Mill by-product),  
 Saskatoon Feed (Oatmeal Mill by-product),  
 White Diamond Stock Feed, Coarse,  
 White Diamond Stock Feed, Fine,  
 Schumacher Feed,  
 Sugared Schumacher Feed,  
 Schumacher Calf Meal,  
 Big Egg Scratch Grains, No Grit,  
 Early Bird Scratch Grains, No Grit,  
 Ful-O-Pep Chick Starter,  
 Ful-O-Pep Coarse Chick Feed,  
 Ful-O-Pep Egg Mash,  
 Ful-O-Pep Fine Chick Feed,  
 Ful-O-Pep Growing Mash,  
 Ful-O-Pep Scratch Grains,  
 Ful-O-Pep Station Grade Fattening Feed,  
 Schumacher Little Chick Feed, No Grit,  
 Schumacher Scratch Grains, No Grit,  
 Buckeye Feed,  
 White Hominy Feed,  
 Yellow Hominy Feed,  
 Red Dog Wheat Flour,  
 Banner Feed.

Quisenberry Feed Mfg. Co., Buffalo, N. Y.  
 Quisenberry Quality Creamery Feed,  
 Quisenberry Quality Laying Mash with Buttermilk,  
 Quisenberry Quality Star Scratch Grain,  
 Quisenberry Quality Half and Half (Ground) Corn and Oats,  
 Quisenberry Quality Blue Ribbon Laying Mash,  
 Quisenberry Quality Starting Food with Buttermilk,  
 Quisenberry Quality More Egg Scratch Grain,  
 Quisenberry Quality Half and Half (Crushed) Corn and Oats,  
 Quisenberry Quality Quick Fattener,  
 Quisenberry Quality Pigeon Feed,  
 Quisenberry Quality Dairy Feed,  
 Quisenberry Quality Egg Maker Scratch Grain,  
 Quisenberry Quality Blue Ribbon Laying Mash,  
 Quisenberry Quality Husky Chick Scratch Grain (Fine),  
 Quisenberry Quality Blue Ribbon Scratch Feed,  
 Quisenberry Quality Growing Mash with Buttermilk,  
 Quisenberry Quality Husky Chick Scratch Grain (Coarse),  
 Quisenberry Quality Stock Feed,  
 Fiske's Favorite Feed, 18% Protein,  
 Fiske's Favorite Feed, 23% Protein,  
 Quisenberry Quality Buffalo Stock Feed.

Ralston Purina Co., St. Louis, Mo.  
 Protina Dairy Feed,  
 Purina Cow Chow Feed,  
 O. K. Horse Feed,  
 Purina O Molene Feed,  
 Purina Feed with Molasses,  
 Purina Steer Fatena Feed containing Charcoal not over 1 per cent,  
 Purina Calf Chow Feed,  
 Purina Pig Chow Feed containing Charcoal not over 1 per cent,  
 Purina Chicken Fatena Feed,  
 Purina Chick Startena Feed containing Buttermilk,  
 Purina Chicken Chowder Feed containing Charcoal not over 1 per cent,  
 Purina Hen Chow Feed,  
 Purina Intermediate Hen Chow Feed,  
 Purina Baby Chick Chow Feed,  
 Purina Pigeon Chow Feed.

Rauch, Henry J., Mechanicsburg, Pa.  
 Pure Wheat Mix Feed,  
 Pure Wheat Bran,  
 Corn and Oat Chop.



- Reading Abbatoir Co., Reading, Pa.  
Raco Brand Feed (Dried Animal Tankage and Blood).
- Reading Bone Fertilizer Company, Reading, Pa.  
Reading Meat Meal—50% Protein.
- Red Bank Mills, New Bethlehem, Pa.  
Pure Bran.  
Pure Wheat Middlings,  
Pure Corn & Oats Chop,  
Pure Corn Meal.
- Red Star Milling Co., The, Wichita, Kansas.  
Wheat Bran and Screenings,  
Wheat Gray Shorts and Screenings.
- Red Wing Milling Company, The, Red Wing, Minn.  
Red Wing Special Wheat Bran with Ground Screenings not Exceeding Mill Run,  
Red Wing Special Reddog,  
Red Wing Special Wheat Flour Middlings,  
Red Wing Special Standard Wheat Middlings.
- Reece & Greenly Co., Millville, Pa.  
Laying Mash,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Buckwheat Offal Feed.
- Reed, J. O. Philipsburg, Pa.  
Pure Corn & Oats Chop.
- Rees, A. F., Hanover, Pa.  
Rees' High Protein Tankage—40% Protein.
- Reichard, Inc., Robert A., Allentown, Pa.  
Reichard's Blood Meal—80% Protein,  
Reichard's 40% Meat & Bone Tankage,  
Reichard's Beef & Bone Scrap—45% Protein,  
Reichard's High Grade—55% Protein Beef Scrap,  
Reichard's 60 Digester Tankage,  
Reichard's Bone Meal.
- Reliance Roller Mills, New Oxford, Pa.  
Pure Wheat Bran,  
Pure Wheat Shorts.
- Rennoll, C. L. Brillharts, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Mixed Corn Oat Chop.
- Rice, Roy E., Duncannon, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Richards & Evans Co., The, Cortland, Ohio.  
Richards' Laying Mash,  
Richards' Growing Mash,  
Richards' Dairy Feed,  
Richards' Special Chop,  
Richards' Scratch Grains,  
Pure Wheat Bran,  
Fancy Winter Wheat Middlings,  
Pure Corn and Oats Chop.
- Richmond Abbatoir, Richmond, Va.  
Meat Meal—65% Protein.
- Riggs & Son, John B., Shippensburg, Pa.  
Chicken Mash,  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Riley & Son, J. S., New Castle, Pa.  
Big Five Egg Maker.

- Rimersburg Milling Co., Rimersburg, Pa.  
Pure Corn & Oats Chop,  
Pure Buckwheat Midds.
- Ritter's Mill, Inc., St. Marys, Pa.  
Pure Corn and Oats Chop Feed.
- Riverside Mills, Oil City, Pa.  
Pure Corn and Oats Chop.
- Roberts, A. C., Kimberton, Pa.  
A. C. R. Meat Scrap—30% Protein.
- Robesonia Roller Mills, Robesonia, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Robin Hood Mills, Ltd., Moose Jaw & Calgary, Canada.  
Blackhawk Economy Oat Middlings,  
Blackhawk Reground Oat Feed,  
Blackhawk Wheat Shorts with Ground Screenings not Exceeding Mill Run,  
Blackhawk Pure Wheat Bran,  
Blackhawk Pure Wheat Middlings,  
Blackhawk Pure Wheat Shorts.
- Rockwell & Son, H., Canton, Pa.  
Rockwell's High Protein Dairy Ration,  
Hen-O-La Dry Masb,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.  
Buckwheat Shorts,
- Rohm, George E., Breezewood, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.
- Rohrbach & Sons, S. D., Topton, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.
- Rohrer, Ross H., Quarryville, Pa.  
Pure Wheat Bran,  
Pure Wheat Shorts.
- Rosenberg Milling Company, Phila., Pa.  
Pure Buckwheat Feed.
- Rosenberger, H. B., Doylestown, Pa.  
Lenape Mash Feed.
- Royster Guano Company, F. S., Baltimore, Md.  
Royster's Fish Meal.
- Russell-Miller Milling Co., Minneapolis, Minn.  
Hard Wheat Occident Bran,  
Alta Hard Wheat Middlings,  
Hard Wheat Occident Mixed Feed.
- Ryde & Company, Chicago, Ill.  
Ryde's Cream Quality Calf Meal,  
Ryde's Startrite Chick Food,  
Hav-To-Lay Egg Mash,  
Hav-To-Grow Chick Mash.
- Ryder Estate, Jacob O., Matamoras, Pa.  
Cackle Brand Meat and Bone Scrap—45% Protein.
- Sabinsville Milling Co., Inc., Sabinsville, Pa.  
"S A M C O" Corn Meal,  
Pure Corn & Oat Feed  $\frac{1}{2}$  Oats &  $\frac{1}{2}$  Corn.
- Sacramento Roller Mills, Sacramento, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.
- Saeger Milling Co., Allentown, Pa.  
Mixed Chop Feed,  
Hanover Scratch Feed,  
Pure Wheat Bran,  
Pure Wheat Middlings.

Saginaw Milling Co., The, Saginaw, Mich.

Red Hen Scratch Feed,  
Ogemaw A A Pigeon Feed,  
Wolverine Scratch Feed,  
Red Hen Chick Starter.

Saint Paul Milling Company, The, Saint Paul, Minn.

Komo Wheat Special Middlings with Ground Wheat Screenings not Exceeding Mill Run,  
Komo Wheat Standard Middlings with Ground Wheat Screenings not Exceeding Mill Run,  
Komo Pure Wheat Bran.  
Komo Pure Wheat Red Dog.

Savan Roller Mills, Rochester Mills, Pa.

Pure Corn & Oats Chop.

Scarlet & Co., Wm. G., Baltimore, Md.

Oriole Brand AAA Pigeon Feed.

Schaeffer, John, Chambersburg, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings.

Schaeffer, Wanner & Company, Fleetwood, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Schaffner Brothers Company, Erie, Pa.

Schaffner Bros. Co. Meat and Bone Tankage.

Schluderberg-T. J. Kurdle Company, The Wm., Baltimore, Md.

Esskay Quality Soluble Blood—83% Protein,  
Esskay Quality Meat Meal—46% Protein,  
Esskay Quality Meat Scrap—55% Protein,  
Esskay Quality Digester Tankage—66% Protein,  
Esskay Quality Poultry Bone.

Schneider Bros. & Company, Mount Carmel, Pa.

S-Bro-Co. Brand Chick Feed,  
S-Bro-Co. Brand Poultry Feed.

Scholl Co., The, Newark, N. J.

Dried Sugar Beet Pulp.

Schomaker & Co., Wm., Greensburg, Pa.

Pure Wheat Bran,  
Pure Wheat Middlings.

Schrimper Bros., Erie, Pa.

Schrimper Bros. Corn & Oats Chop.

Scureman Milling Co., Wilkes-Barre, Pa.

Tip Top Dairy Feed,  
Tip Top Poultry Feed,  
Tip Top Poultry Mash.

Sears, Roebuck and Co., Phila., Pa.

Silver Quill Egg Mash,  
Reputation Pig Meal,  
Reputation Calf Meal,  
Silver Quill Chick Mash,  
Silver Quill Growing Mash with Buttermilk.

Seely Co., The S. Alfred, Spencer, N. Y.

Spencer Laying Mash,  
Seely's Dairy Ration,  
Spencer Dairy Ration,  
Seely's Laying Mash with Dried Buttermilk,  
Seely's Scratch Feed,  
Seely's Poultry Grains,  
Pure Ground Corn & Oats.

Sentz & Son, Jacob H., Columbia, Pa.

Garden Spot Laying Mash.

Shamokin Milling Co., Shamokin, Pa.

Golden Egg Hen Food.

- Shank, W. O., Emmitsburg, Ind.  
Pure Wheat Bran.  
Pure Wheat Middlings.
- Sharon Mills, Shinglehouse, Pa.  
Keystone Dairy Ration,  
Eggmash,  
Pure Corn & Oats Chop.
- Sharpless Co., P. E., Phila., Pa.  
Condensed Buttermilk,
- Sharrer & Son, D. H., New Chester, Pa.  
Sharrer's Dairy Feed.  
Sharrer's Laying Mash for More Eggs.
- Sheets Elevator Company, The, Cleveland, Ohio.  
S. B. Horse & Mule Feed Wet,  
S. B. Alfalfa Horse Feed,  
Haskell's Stock Feed,  
Diamond Horse Feed,  
No. 1 Chop (Ground Corn, Ground Oats).
- Sherwin-Williams Company, The, Cleveland, Ohio.  
S W C Linseed Oil Meal, 34% Protein.
- Shoemaker, Inc., Chas. R., Phila., Pa.  
C. R. Shoemaker Belgrade Brand 50% Beef Scrap.
- Shoemaker, Grover C., Bloomsburg, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.
- Shoemaker & Co., Inc., M. L., Phila., Pa.  
Shoemaker's "Swift-Sure" Digester Tankage—60% Protein.  
Shoemaker's "Swift-Sure" Ground Meat Scrap—50% Protein.  
Shoemaker's "Swift-Sure" Ground Beef Scrap—55% Protein.
- Showalter, A. B., Roaring Spring, Pa.  
Pure Corn and Oats Chop.
- Shredded Wheat Company, The, Niagara Falls, N. Y.  
Shredded Wheat Waste.
- Shuey, A. H., Annville, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings,  
Pure Corn & Oats Feed.
- Shultz, A. M., Eyer's Grove, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings.
- Shupe Estate, O. P., Mt. Pleasant, Pa.  
Pure Wheat Bran.  
Pure Brown Middlings,  
Pure White Middlings,  
Pure Corn & Oats Chop.
- Shute & Co., E. L., Phila., Pa.  
Shute's Special Horse Feed,  
Shute's Summer Horse Feed.
- Sickler Fertilizer Works, Plymouth, Pa.  
Sickler's Poultry Meat and Bone Scrap—45% Protein.
- Sickman, Fred H., Pequea, Pa.  
Pure Winter Wheat Bran,  
Pure Winter Wheat Shorts or Middlings.
- Siegrist, I. S., Mt. Joy, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.
- Silver Spring Flour Mill, Mechanicsburg, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings.

- Simonin's Sons, Inc., C. F., Phila., Pa.  
Pure Cocoanut Oil Meal.
- Simonton, D. B., Boiling Springs, Pa.  
Pure Wheat Bran,  
Pure Wheat Mixed Feed.
- Sinking Spring Roller Mills, Sinking Springs, Pa.  
Red Feather Dry Mash.
- Small, A. Guy, Chambersburg, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Smith & Co., E. L., Union City, Pa.  
Pure Corn Meal,  
Pure Corn & Oat Chop.
- Smith Brothers, Inc., Bradford, Pa.  
Our Own Mash,  
Pure Corn Meal,  
Pure Corn & Oat Feed.
- Smith Milling Company, Milwaukee, Wis.  
Red Diamond Dairy Feed.  
Red Diamond Stock Feed.
- Snively & Sons, J. C., Landisville, Pa.  
Snively's Laying Mash.
- Snyder, E. F., Dalton, Pa.  
Mixed Feed.  
Corn Feed Meal.
- Snyder, S. W., Zenith, Pa.  
Pure Buckwheat Middlings.
- Snyder, The Estate of Geo. S., Hatfield, Pa.  
Snyders Dry Mash,  
Snyders Seratch Feed,  
Pure Buckwheat Feed,  
Pure Rye Mixed Feed,  
Pure Corn and Oats Chop,  
Pure Corn Meal.
- Snyder Milling Company, Timblin, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.
- South Perkasio Mill, Perkasio, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Rye Middlings.
- Southern Cotton Oil Company, The, Charlotte, N. C.  
Boveta Feed (Cotton Seed Hull and Meal Mixture).
- Southwestern Milling Co., Inc., The, Kansas City, Mo.  
Red Turkey Wheat Standard Middlings and Wheat Seourings,  
Red Turkey Wheat Gray Shorts and Wheat Seourings,  
Star Wheat Shorts and Wheat Seourings,  
Red Turkey Pure Wheat Bran,  
Red Turkey Pure Wheat Faney White Middlings.
- Spangler's Mills, Camp Hill, Pa.  
Pure Wheat Bran,  
Pure Wheat Mixed Feed,  
Pure Corn and Oats Chop,  
Pure Corn Meal.
- Sparks Milling Company, Alton, Ill.  
Try Me Mixed Feed.
- Specht, B. F., Stoyestown, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.



Spencer Milling Co., Thompson, Pa.  
Corn & Oats Chop.

Spratt's Patent (America) Limited, Newark, N. J.  
Spratt's Mash Food with Buttermilk,  
Spratt's Chick Meal,  
Spratt's Utility Mash Food,  
Spratt's Chicgrain.

Sprenkle & Son, E. O., Hellam, Pa.  
Pure Wheat Bran.  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Spring Creek Milling Co., Spring Creek, Pa.  
Corn & Oat Chop Feed.

Springdale Mills, Waynesboro, Pa.  
Pure Wheat Bran,  
Pure Wheat Midds,  
Pure Corn Meal.

Springfield Milling Co., Inc., Springfield, Minn.  
Wheat Bran—With Ground screenings not exceeding Mill Run,  
Wheat Flour Middlings—With Ground Screenings not Exceeding Mill Run,  
Wheat Standard Middlings.

Spruce Creek Milling Co., The, Spruce Creek, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.

Squier & Brecht, Hop Bottom, Pa.  
Pure Corn and Oats Chop.

Staley Manufacturing Company, A. E., Decatur, Ill.  
Staley's Corn Gluten Feed.

Stanley Co., Inc., John T., New York, N. Y.  
Stanley's High Protein Meat Scrap—45% Protein.

Stanton & Sons, Jas. F., New Stanton, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop,  
Own Make Laying Mash.

Star and Crescent Milling Co., Minneapolis, Minn.  
Crescent Wheat Bran with Ground Wheat Screenings not exceeding Mill Run,  
Star Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,  
Crescent Wheat Flour Middlings,  
Pure Wheat Red Dog.

Stearns, Coo H., Kingsley, Pa.  
Our Dairy Ration,  
Our Mash,  
Pure Corn Meal,  
Our Corn and Oats Feed.

Steese, C. W., Lewisburg, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop.

Stegmaier Brewing Company, Wilkes-Barre, Pa.  
Dried Brewers Grain.

Stehman, I. D., Mount Joy, Pa.  
B. & S. Dry Mash,  
B. & S. Growing Feed,  
Mount Joy Pig Feed,  
Home Dairy Feed,  
Mount Joy Wheat Mixed Feed with Ground Wheat Screenings not exceeding Mill Run,  
Mount Joy Pure Winter Wheat Bran,  
Mount Joy Red Wheat Middlings,  
Mount Joy White Middlings,  
Mixed Corn and Oats Chop.

- Sterling & Sherwood, Meshoppen, Pa.  
Pure Corn and Oats Chop.
- Stern & Sons, Inc., Bernhard—Atlas Flour Mills, Milwaukee, Wis.  
Atlas Wheat Flour Middlings with Ground Screenings not Exceeding Mill Run.  
Standard Wheat Middlings with Ground Screenings not exceeding Mill Run.  
Atlas Pure Wheat Bran,  
Atlas Reddog.
- Stewart Company, Jesse C., Pittsburgh, Pa.  
Red Letter Brand Alfalfa Horse Feed,  
Red Letter Brand Pigeon Feed,  
Red Letter Brand Scratch Feed without Grit,  
Pure Corn and Oats Chop,  
Red Letter Brand Coarse Sifted Cracked Corn,  
Red Letter Brand 43% Cottonseed Meal.
- Stickell & Sons, D. A., Hagerstown, Md.  
Stickell's Milk Ration,  
Stickell's Stock Feed,  
Blue Ridge Egg Mash,  
Stickell's Egg Mash,  
Stickell's Growing Mash,  
Stickell's Scratch Grains,  
Stickell's Intermediate Chick Feed,  
Stickell's Baby Chick Starter,  
Stickell's Baby Chick Feed,  
Blue Ridge Chick Feed,  
Blue Ridge Scratch Grain,  
Stickell's Steam Cooked Chick Feed,
- Stoek & Sons, F. W., Hillsdale, Mich.  
Bran with Mill Run Screenings.  
Monarch Fancy Wheat Feed with Mill Run Screenings,  
Superior Wheat Feed and Wheat Flour with Mill Run Screenings,  
Middlings (Made from Pure Wheat).
- Stofflet Milling Co., Pen Argyl, Pa.  
Mixed Feed,  
"Special" Cow Feed,  
"Happy Hen" Laying Mash.
- Stokes Milling Co., Watertown, S. Dak.  
Wheat Bran with Ground Screenings not exceeding Mill Run.  
Standard Wheat Shorts with Ground Screenings not exceeding Mill Run.  
Pure Wheat Flour Middlings,  
Pure Wheat Red Dog.
- Stoudt Milling Co., The, Shoemakersville, Pa.  
Pure Rye Middlings,  
Pure Winter Wheat Bran,  
Pure Winter Wheat Middlings,  
Pure Corn & Oats Chop.
- Streng, C. C., Meyersdale, Pa.  
Pure Corn and Oats Chop.
- Strickler's Sons, E., Lebanon, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Strickler Milling Co., C. F. & W. H., Lebanon, Pa.  
Wheat Bran & Ground Screenings Mill Run,  
Pure Wheat Middlings.
- Stroh & Seaman, Hamburg, Pa.  
Pure Corn & Oats Chop,  
Pure Wheat Bran,  
Pure Wheat & Rye Middling.
- Strunz & Son, S., Pittsburgh, Pa.  
"Moreggs" Meat & Bone Scrap,  
Feeding Tankage.
- Struven & Co., Chas. M., Baltimore, Md.  
Struven's Fish Meal—55% Protein.  
Struven's Pure Ground Meat Scraps—50% Protein,
- Stuhr-Seidl Company, Minneapolis, Minn.  
Spence Flaxseed Feed.

- Swift & Company, Chicago, Ill.  
 Swift's Blood Meal—80% Protein.  
 Swift's Digester Tankage—60% Protein.  
 Swift's Fifty-Five Meat and Bone Scraps.  
 Swift's Meat and Bone Scraps—50% Protein.  
 Swift's Gromcal For Hogs—50% Protein.  
 Swift's Dried Buttermilk.  
 Swift's Laymore Meat and Bone Scraps—45% Protein.  
 Swift's Poultry Bone.
- Swingle Bros., Aric, Pa.  
 Pure Corn & Oat Chop.  
 Pure Corn Meal.
- Swoope, L. P., Duncansville, Pa.  
 Pure Corn Meal.  
 Pure Corn & Oats Chop.
- Swope Bros., Johnstown Pa.  
 State College Dairy Ration.  
 Cackle Egg Mash.  
 Baby Chick Mash.  
 Big Five Egg Mash.  
 Excelsior Chicken Feed.  
 Banner Chick Feed.  
 Corn & Oats Chop.
- Sybert, Wm. J., Nanty Glo, Pa.  
 Sybert's Corn & Oats Chop.
- Syracuse Rendering Company, Syracuse, N. Y.  
 Syracuse Poultry Feed, prepared from Cooked Meat & Bone Scraps—45% Protein.  
 Syracuse Poultry Feed, prepared from Cooked Meat & Bone Scraps—55% Protein.
- Teed's Son, W. I., Sayre, Pa.  
 Teed's Ready-Mixed Laying Mash.
- Tennant & Hoyt Co., Lake City, Minn.  
 Wheat Middlings with Ground Screenings not exceeding Mill Run.  
 Pure Wheat Bran.  
 Pure Wheat Flour Middlings.  
 Pure Wheat Red Dog Flour.
- Theobald Animal Products Refinery, Kearny, N. J.  
 Production Brand Meat and Bone Scrap—45% Protein.  
 Production Brand Meat and Bone Scrap—50% Protein.
- Thomas, E. S., Holsopple, Pa.  
 Pure Wheat Bran.  
 Pure Wheat Middlings.  
 Pure Buckwheat Middlings.  
 Pure Corn & Oats Chop.  
 Corn Meal.
- Thomas & Son, A. M., Erie, Pa.  
 Peun State Mash.  
 Corn & Oats Chop.
- Thomas-Boyce Feed Company, Attica, N. Y.  
 Servus Dairy Feed.  
 Direct Dairy Feed.  
 Direct Stock Feed.  
 Direct Egg Mash with Milk.  
 Servus Egg Mash with Milk.  
 Direct Scratch Feed.  
 Direct Intermediate Chick Feed.  
 Direct Chick Feed.  
 Servus Scratch Feed.  
 Fair Play Scratch Feed.  
 Ground Corn & Oats.  
 Direct Starting & Growing Mash with Milk.
- Thompson, A. R., Graud Valley, Pa.  
 Pure Corn and Oats Chop.  
 Pure Corn Meal.

- Thompson Milling Co., Lockport, N. Y.  
 Angelus Wheat Middlings with Ground Screenings not exceeding Mill Run,  
 Angelus Wheat Mixed Feed with Ground Screenings not exceeding Mill Run,  
 Angelus Wheat Fancy Middlings with Ground Screenings not exceeding Mill Run,  
 Angelus Pure Wheat Bran.
- Thornton & Chester Milling Co., Buffalo, N. Y.  
 T & C Wheat Bran with Ground Screenings not exceeding Mill Run,  
 T & C Wheat Midds with Ground Screenings not exceeding Mill Run,  
 T & C Wheat Standard Midds with Ground Screenings not exceeding Mill Run,  
 T & C Wheat Mixed Feed with Ground Screenings.
- Three Minute Cereals Co., The Corno Mills Company, Prop., Cedar Rapids, Iowa.  
 Corno Hygrade Oat Feed.
- Three Springs Milling Co. Three Springs, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Tingley, Glenn E., New Milford, Pa.  
 Pure Corn Meal,  
 Pure Corn & Oats Chop.
- Tioga Mill & Elevator Co., Waverly, N. Y.  
 Red Brand Tioga Dairy Feed,  
 White Brand Tioga Dairy Feed,  
 Blue Brand Tioga Dairy Feed,  
 Or-Co Feed,  
 Tioga Calf Food,  
 Ti-o-ga Growing Shoat Feed,  
 Chicatine,  
 Egatine,  
 Ti-o-ga Laying Food,  
 Tioga Poultry Grain,  
 Derby Scratch Feed,  
 Waverly Flour Wheat Middlings (Contain Ground Screenings not exceeding Mill Run),  
 Tioga Wheat Middlings (Contain Ground Screenings not exceeding Mill Run),  
 Derby Meal,  
 Derby Corn and Oat Feed,  
 Ti-o-ga Growing Grains,  
 Ti-o-ga Chick Feed.
- Tionesta Milling Co., Tionesta, Pa.  
 Timico Dairy Feed,  
 Timico Poultry Mash,  
 Timico Chop (Corn and Oats).
- Titusville City Mills, Titusville, Pa.  
 Pure Corn and Oats Chop,  
 Pure Corn Meal.
- Toledo Grain & Milling Company, The, Toledo, Ohio  
 Armada Dairy Feed,  
 Camp's Cloverdale Dairy Ration,  
 Camp's Invincible Alfalfa Feed,  
 Red Ball Corn Oats & Molasses Feed,  
 Camp's C. O. & B. Chop Feed,  
 Camp's Surprise Chop Feed,  
 Camp's Red Ball Egg Mash,  
 Camp's Red Ball Milk Mash,  
 Camp's Red Ball Growing Mash,  
 Camp's Red Ball Scratch Feed,  
 Cloverleaf Scratch-Feed,  
 Camp's Red Ball Chick Food,  
 Camp's Red Ball Developing Food,  
 Camp's Stone Corn Meal,  
 Camp's Winter Wheat Bran,  
 Camp's Standard Wheat Middlings,  
 Camp's No. 1 White Wheat Middlings,  
 Camp's Corn & Oats Feed,  
 Camp's Yellow Coarse Corn Meal.
- Toomey, T. L., Wila, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Shorts.

Traders Flour & Feed Co., Stroudsburg, Pa.  
Special Egg Mash.

Truckenmiller, F. E., Watsonstown, Pa.  
Satin Dairy Feed,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Turner Brothers, Cambridge Springs, Pa.  
Pure Corn & Oats Chop.

Turner & Co., W. H., Muncy, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.

Tyrone Milling Company, Tyrone, Pa.  
Jersey Mash,  
Pure Winter Wheat Bran,  
Pure Winter Wheat Middlings,  
Pure Corn & Oats Chop.

Ubiko Milling Company, The, Cincinnati, Ohio.  
"Union Grains" Ubiko Biles Ready Dairy Ration,  
Fourex Dairy Ration,  
Crusader Horse Feed,  
Ubiko Horse Feed,  
Ubiko Egg Mash with Buttermilk,  
Ubiko Growing Mash with Buttermilk,  
Ubiko Scratch Feed,  
Sunset Scratch Feed,  
Wildcat Scratch Feed,  
Ubiko Chick Feed,  
Ubiko Starting Mash with Buttermilk.

Union Coal & Supply Co., Union City, Pa.  
Mulkie's Dairy Feed.

Union Roller Mills, Hamburg, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Corn & Oats Chop.

Union Starch & Refining Co., Edinburg, Ind.  
Union Corn Gluten Feed.

United Home Dressed Meat Co., The, Altoona, Pa.  
Dry Tankage—40% Protein.

United Mills Corporation, Grafton, Ohio.  
Grafton Wheat Bran with Ground Screenings not Exceeding Mill Run.  
Grafton Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
Grafton Wheat Mixed Feed with Ground Screenings not Exceeding Mill Run.

Urban Milling Company, George, Buffalo, N. Y.  
Wheat Bran with Ground Screenings not Exceeding Mill Run,  
Wheat Middlings with Ground Screenings not Exceeding Mill Run,  
Wheat Mixed Feed with Ground Screenings not Exceeding Mill Run,  
Wheat Lowgrade Flour.

Valier & Spies Milling Co., St. Louis, Mo.  
Valier's Wheat Bran and Screenings.

Valley Milling Co., Harrison Valley, Pa.  
Superior Dairy Ration,  
Pure Corn Meal,  
Pure Corn & Oats Chop.

Van Iderstine Company, The Long Island City, N. Y.  
VICO Pure Ground Meat Scraps for Poultry—45% Protein.  
VICO Quality Meat Scraps for Poultry—50% Protein.  
VICO High Protein Meat Scraps for Poultry—55% Protein.  
VICO Digester Tankage for Hogs—50% Protein.

Van Vechten Milling Co., Inc., Rochester, N. Y.  
Irving Mills Rye Feed (Rye Middlings and Rye Bran).



- Victor Milling Company, Point Marion, Pa.  
 Victor Pure Wheat Bran,  
 Victor Pure Wheat Middlings,  
 Victor Pure Corn & Oats Chop,  
 Victor Pure Corn Meal.
- Volant Mills, Volant, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Buckwheat Feed,  
 Pure Corn & Oats Chop.
- Wabasha Roller Mill Co., Wabasha, Minn.  
 BIG JO Pure Wheat Bran,  
 BIG JO Pure Wheat Standard Middlings,  
 BIG JO Pure Wheat Flour Middlings.
- Wadsworth Feed Co., The, Warren, Ohio.  
 Wadfeeco Dairy Ration,  
 Superior Laying Mash,  
 Superior Starting & Growing Mash,  
 Corn Oats & Barley Chop.
- Waggoner's Roller Mill, Loysville, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Wagner & Co., Inc., C. Y., Bellefonte, Pa.  
 Standard Chop,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Wagner & Emrich, Womelsdorf, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Waldo Brothers, Wysox, Pa.  
 Walbro Dairy Ration,  
 Walbro Laying Mash,  
 Walbro Pig Feed,  
 Walbro Corn & Oats Chop.
- Walker Bros., Chambersburg, Pa.  
 Make-Eu-Lay Laying Mash,  
 W. B. Scratch Feed.
- Walker, E. E. & W. J. L., Kinzer, Pa.  
 Pure Corn and Oats Chop,  
 Pure Corn Meal.
- Walker & Sons Co., Jos. C., Gap, Pa.  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Wallis, Ralph & E. C., Muncy, Pa.  
 Pure Wheat Middlings.
- Walter & Son, Jacob R., Easton, Pa.  
 O. K. Dry Mash.
- Walton Bros., Phila., Pa.  
 Peerless Scratch Feed,  
 Walton Bros. Special Horse Feed.
- Wampum Mill Company, Wampun, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop,  
 Pure Corn Meal.
- Warren City Mills, Warren, Pa.  
 Corn Oats and Barley Chop,  
 Cook's Quality Dairy Feed,  
 Quality Egg Mash,  
 Quality Scratch Feed,  
 Pure Corn Meal.

Washburn-Crosby Company, Minneapolis, Minn.

Eventually Gold Medal Vitamin Dairy Ration—Containing Wheat Germ (Embryo).

North Star Dairy Ration with Molasses.

Eventually Gold Medal Vitamin Egg Mash—Containing Wheat Germ (Embryo).

Eventually Gold Medal Chick Mash—With Dried Buttermilk.

Eventually Gold Medal Growing Mash—With Dried Buttermilk.

North Star Scratch Feed—No Grit.

Eventually Gold Medal Scratch Feed—No Grit.

Eventually Gold Medal Developing Feed—No Grit.

Eventually Gold Medal Chick Feed—No Grit.

Utility Scratch Feed—No Grit.

Eventually Gold Medal Hard Wheat Bran and Wheat Screenings.

Eventually Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.

Eventually Gold Medal Hard Wheat Flour Middlings and Wheat Screenings.

Eventually Gold Medal Hard Wheat Mixed Feed and Wheat Screenings.

Durum Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.

Durum Wheat Standard Middlings with Cleaned Ground Wheat Screenings not Exceeding Mill Run.

Eventually Gold Medal Pure Hard Wheat Adrian Red Dog.

Eventually Gold Medal Pure Rye Middlings.

Eventually Gold Medal Egg Mash (With Pure Dried Buttermilk).

Arlington Wheat Flour, Strong Clear.

Gold Medal Stock Feed.

Washington Milling Co. Washington, Pa.

Corn Oats and Barley Chop.

Pure Wheat Bran.

Pure Wheat Middlings.

Gain-More Eggs Laying Mash.

Watkins Company, The J. R., Winona, Minn.

Watkins Poultry Tonic.

Watkins Stock Tonic.

Wayne Milling Co., Honesdale, Pa.

Wayne Mash.

Corn and Oats Chop.

Corn Meal.

Waynesburg Milling Co., Waynesburg, Pa.

Pure Wheat Bran.

Pure Wheat Middlings.

Pure Corn and Oats Chop.

Weaver & Berkey, Windber, Pa.

Weaver and Berkey's Egg Mash.

Webb Bros., Altoona, Pa.

Webbs Poultry Mash.

Webb Bros. Scratch Grains.

Webber, D. B., Greenville, Pa.

Pure Wheat Bran.

Pure Wheat Middlings.

Pure Corn and Oats Chop.

Pure Corn Meal.

Weeks Hardware Company, Scranton, Pa.

Quality Milk Laying Mash.

Quality Egg Producer.

Weida Brothers, Allentown, Pa.

Weida's Blue Ribbon Poultry Feed.

Weida's Pure Wheat Bran.

Weida's Pure Wheat Midds.

Weiss, Charles Z., Avon, Pa.

Pure Wheat Bran.

Pure Wheat Middlings.

Pure Corn & Oats Chop.

Weiss Milling Company, The Otto, Wichita, Kansas.

Otto Weiss Alfalfa Meal.

- Welles Mill Company, Wyalusing, Pa.  
 Peerless Egg Mash,  
 Peerless Pure Grain Chop,  
 Peerless Buckwheat Feed.
- Wentz, Elmer E., Look Haven, Pa.  
 Pure Corn & Oats Chop.
- Wentz Brothers, Jersey Shore, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn Meal,  
 Pure Corn & Oats Chop.
- Wentzel, H. R., Landisburg, Pa.  
 Pure Wheat Mixed Feed, (Wheat Bran and Wheat Shorts).  
 Pure Corn and Oats Chop.
- Wertz, Robert W., Wernersville, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Wertz & Son, F. S., Reading, Pa.  
 Faramel Dairy Feed,  
 Faramel Horse Feed,  
 Wertz Special Horse Feed,  
 Wertz Alfalfa Molasses Horse Feed,  
 Wertz Mixed Chop,  
 Corn Feed Meal,  
 Wertz's Special Growing Mash,  
 Wertz's Laying Mash,  
 Wertz's Special Chick Starter.
- West Bay City Sugar Co., Bay City, Mich.  
 Dried Beet Pulp.
- West Creek Mills, Benton, Pa.  
 Pure Buckwheat Middlings,  
 Pure Corn and Oats Chop.
- West Newton Milling Co., West Newton, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- West Side Feed Co., Erie, Pa.  
 Pure Corn Meal,  
 Pure Corn Oats Chop.
- Western Maryland Dairy, Inc., Baltimore, Md.  
 Feed-O-Lac.
- Whinery, J. S., East Springfield, Pa.  
 Pure Corn & Oats Chop.
- White Brothers, Scotts, Mich.  
 White's Eureka Wheat Bran,  
 White's Eureka Wheat Middlings.
- White & Sons, Galeton, Pa.  
 Pine Creek Pure Corn & Oats Feed,  
 Pine Creek Pure Corn Meal.
- White & Son, A., Phila., Pa.  
 White's Competitive Horse Feed,  
 White's Allgrain Horse Feed.
- White Deer Milling Company, White Deer, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Mixed Chop (Corn & Oats).
- White Haven Milling Company, White Haven, Pa.  
 Mixed Chop.
- Whitebread, W. H., Wapwallopen, Pa.  
 Mixed Toll Grains.

- Whitehill, C. A., Shippensburg, Pa.  
 Corn Oats and Screenings Chop,  
 Fresh Ground Choice Pure Wheat Bran,  
 Fresh Ground Pure Wheat Middlings.
- Wilkes-Barre Fertilizer Co., Inc., Wilkes-Barre, Pa.  
 Wyoming Meat & Bone Scrap—50% Protein.
- Wilkes-Barre Milling Co., Wilkes-Barre, Pa.  
 No. 1 Scratch Feed Blue Ribbon Brand,  
 Blue Ribbon Little Chick Feed.
- Williams, Inc., Frank C., Easton, Pa.  
 Tip Top Mixed Feed,  
 Diamond Mash Feed,  
 Diamond Chick Starter with Buttermilk,  
 Growing Mash with Buttermilk,  
 Diamond Chick Feed.  
 Star Scratch Feed,  
 Diamond Scratch Feed,  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Williams Brothers, Port Matilda, Pa.  
 OK Mixed Chop,  
 OK Scratch Grains,  
 OK Pure Wheat Bran,  
 OK Pure Wheat Middlings,  
 OK Pure Corn & Oats Chop.
- Williams Brothers Co., The, Kent, Ohio.  
 Fancy Winter Wheat Middlings,  
 Kent Mixed Feed—Winter Wheat,  
 Pure Ohio Wheat Bran.
- Wilson & Co., Chicago, Ill.  
 Red "W" Brand Meat Scraps—50% Protein.
- Wilson Flour and Feed Mill, Russell, Pa.  
 Pure Corn and Oats Chop,  
 Pure Corn Meal,  
 Wilson's Special Dairy Feed.
- Wineland, W. S., McKee, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Winfield Mills, Winfield, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn & Oats Chop.
- Winner, F. L., Lock Haven, Pa.  
 Winner's Tankage Pig Food—35% Protein.
- Witmer's Sons, Geo. M., Selinsgrove, Pa.  
 Pure Winter Wheat Bran,  
 Pure Wheat Middlings,  
 Pure Corn and Oats Chop.
- Wolcott Brothers, Eldred, Pa.  
 Wolcott Bros. Corn and Oats Chop.
- Wolf, M. C., Newport, Pa.  
 Pure Wheat Bran,  
 Pure Wheat Middlings.
- Wolff Brothers, Paterson, N. J.  
 Wolff's Buckwheat Feed.
- Wolfe & Huffman, Watsontown, Pa.  
 Wolfe's Laying Mash.
- Wolgemuth, Daniel M., Florin, Pa.  
 W & S Dairy Feed,  
 W & S Hog Meal,  
 W & S Laying Mash.

- Wolgemuth and Madeira, Elizabethtown, Pa.  
Wheat Mixed Chop,  
Corn Chop (Corn and Corn Siftings).
- Woodbine Roller Mills, Woodbine, Pa.  
Pure Corn & Oats Chop,  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Woodbury Milling Company, Woodbury, Pa.  
Old Home Dairy Feed,  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn and Oats Chop,  
Pure Corn Meal.
- Wyckoff, J. M., East Stroudsburg, Pa.  
Dairy Feed,  
Mixed Feed,  
Poultry Mash.
- Yardley Mills Company, Yardley, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Yeakel, Levi G., Bath, Pa.  
Golden Eagle Dairy Rotation.
- York Sanitary Milk Co., York, Pa.  
Purity Condensed Artificial Buttermilk.
- Yost, Franklin S., Pleasant Valley, Pa.  
Yost's Poultry Mash with Dried Buttermilk.
- Youngsville Milling Co., Youngsville, Pa.  
"Big-Lay" Mash,  
Pure Corn & Oat Chop,  
Pure Corn Meal.
- Zacharias, Harvard C., Brandtsville, Pa.  
Monroe Milk Producer. (A sweet Feed).
- Zartman, E. K., Lititz, Pa.  
Zartman's Laying Mash.
- Zechman, O. K., Potts Grove, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings,  
Pure Corn & Oats Chop.
- Zinn & Company, A. K., Battle Creek, Mich.  
Zinn's Peerless 25% Dairy Ration,  
Zinn's Peerless Scratch Feed.
- Zook, Jacob M., Lancaster, Pa.  
Zooks 22 Dairy Feed,  
Zooks Grow or Bust Hog Feed,  
Zooks Laying Mash.
- Zook, W. M., Lititz, Pa.  
Pure Wheat Bran,  
Pure Wheat Middlings.
- Zortman, J. Frank, Goldsboro, Pa.  
Gold-O Cane Molasses Dairy Feed,  
June Bug Cane Molasses Dairy Feed.



TABLE I—CLASSIFICATION OF SAMPLES ANALYZED AND SUMMARY OF DEFICIENCIES.

Name of Feeding Stuffs.	Number of samples analyzed.	Number of samples guaranteed.	Deficient in protein and fat.	Deficient in protein alone.	Deficient in fat alone.
Cottonseed Meal, -----	63	63	-----	4	-----
Cottonseed Feed, -----	15	15	-----	-----	-----
Linseed Oil Meal, O. P., -----	37	37	-----	4	-----
Cocoonut Oil Meal, -----	1	1	-----	-----	-----
Distillers' and Yeast Dried Grains, -----	1	1	-----	-----	-----
Brewers' Dried Grains, -----	8	8	-----	-----	-----
Corn Gluten Meal, -----	1	1	-----	-----	-----
Corn Gluten Feed, -----	18	18	-----	-----	1
Hominy Feed, -----	10	9	-----	-----	2
Corn Feed Meal, -----	2	1	-----	-----	-----
Wheat Bran, -----	105	77	-----	-----	-----
Mixed Feed: Wheat By-Products, -----	7	7	-----	-----	-----
Wheat Standard Middlings, -----	21	21	-----	-----	1
Wheat Flour Middlings, -----	26	23	-----	-----	1
Brown Shorts, -----	4	4	-----	-----	-----
Gray Shorts, -----	23	16	-----	-----	-----
White Shorts, -----	35	18	-----	-----	2
Low Grade Wheat Flour, -----	12	7	-----	-----	-----
Rye Middlings, -----	3	3	-----	-----	-----
Wheat and Rye Offals, -----	1	-----	-----	-----	-----
Oat Feed, -----	9	9	-----	-----	-----
Buckwheat Middlings, -----	1	1	-----	-----	-----
Buckwheat Feed, -----	3	2	1	-----	-----
Alfalfa Meal, -----	4	4	-----	-----	-----
Dried Beet Pulp, -----	12	12	-----	-----	-----
Proprietary Dairy Feed, -----	159	156	-----	8	6
Proprietary Stock, Horse and Mule Feed, -----	99	99	-----	3	5
Proprietary Calf Meal, -----	5	5	-----	-----	-----
Proprietary Swine Feed, -----	10	7	-----	1	1
Proprietary and Miscellaneous Chop Feed, -----	120	66	-----	1	7
Miscellaneous Feed, -----	8	6	-----	1	-----
Proprietary Poultry Feed:					
Scratch Feed, -----	93	89	-----	-----	5
Mash Feed, -----	85	77	-----	1	1
Animal By-Products:					
Meat and Bone Scrap, -----	46	45	-----	2	-----
Tankage, -----	14	13	-----	5	-----
Total, -----	1061	921	1	34	32

TABLE II—AVERAGE ANALYSES AND RETAIL PRICES.

Name of Feeding Stuffs.	Number of samples analyzed.	Protein.	Fat.	Fibre.	Price per ton.
		%	%	%	\$
Cottonseed Meal, -----	63	42.30	7.17	9.21	58.82
Cottonseed Feed, -----	15	36.19	6.42	12.62	59.20
Linseed Oil Meal, O. P., -----	37	33.57	6.86	8.14	56.23
Cocoanut Oil Meal, -----	1	22.75	7.96	8.22	40.00
Distillers' and Yeast Dried Grains, -----	1	22.44	7.55	15.50	46.00
Brewers' Dried Grains, -----	8	23.51	6.87	15.44	48.60
Corn Gluten Meal, -----	1	43.81	2.23	3.00	65.00
Corn Gluten Feed, -----	18	25.85	2.85	7.37	51.42
Hominy Feed, -----	10	11.27	5.93	4.05	44.30
Corn Feed Meal, -----	2	9.30	4.07	2.60	38.35
Wheat Bran, -----	105	16.49	5.10	9.38	38.49
Mixed Feed: Wheat By-Products, -----	7	17.15	5.09	7.57	38.79
Wheat Standard Middlings, -----	21	17.12	5.63	8.05	41.00
Wheat Flour Middlings, -----	26	17.35	5.20	5.88	41.69
Brown Shorts, -----	4	17.28	5.52	6.49	41.80
Gray Shorts, -----	23	17.04	4.78	5.20	41.09
White Shorts, -----	35	16.21	4.34	3.83	42.10
Low Grade Wheat Flour, -----	12	15.88	3.69	2.25	46.75
Rye Middlings, -----	3	16.11	3.15	5.02	40.00
Wheat and Rye Offals, -----	1	13.13	2.89	2.59	35.00
Oat Feed, -----	9	6.52	2.58	27.43	28.60
Buckwheat Middlings, -----	1	27.66	7.07	5.74	45.00
Buckwheat Feed, -----	3	14.81	3.85	22.16	23.40
Alfalfa Meal, -----	4	17.34	2.20	28.64	47.75
Dried Beet Pulp, -----	12	9.73	1.18	19.76	47.36
Proprietary Dairy Feed, -----	159	21.86	5.08	9.55	49.49
Proprietary Stock, Horse and Mule Feed, -----	99	10.14	3.42	10.14	45.39
Proprietary Calf Meal, -----	5	26.40	5.05	3.21	89.00
Proprietary Swine Feed, -----	10	15.83	4.87	6.72	50.40
Proprietary Poultry Feed:					
Scratch Feed, -----	93	11.46	3.32	2.79	55.26
Mash Feed, -----	85	19.94	5.32	6.22	66.85
Animal By-Products:					
Meat and Bone Scrap, -----	46	52.25	12.88	1.70	86.44
Tankage, -----	14	55.10	11.64	2.18	74.60

†TABLE III—AVERAGE COMPOSITION, DIGESTION COEFFICIENTS AND ENERGY VALUES OF FEEDING STUFFS.

Name of Feeding Stuffs.	Average Composition.						Digestion Coefficients.				Net Energy.	
	Water.	Ash.	Protein.	Fat.	Carbo-hydrates.		Protein.	Fat.	Carbo-hydrates.			
					Fiber.	Nitrogen Free Extract.			Fiber.	Nitrogen Free Extract.		
GRAINS												
Barley.	10.9	2.4	12.4	1.8	2.7	69.8	70	89	50	92		Therms
Buckwheat.	12.6	2.0	10.0	2.2	8.7	64.5	77	82		*67		89.94
Corn (Flint)	10.9	1.5	10.4	5.0	2.0	70.2	76	86	58	93		59.73
Corn and Cob Meal.	15.1	1.5	8.5	3.5	6.6	64.8	52	84	45	88		87.50
Flaxseed.	9.2	4.3	22.6	33.7	7.1	23.2	91	86	61	55		75.80
Kaffir Corn.	9.3	1.5	9.9	3.0	1.4	74.0	79	70		*75		83.17
Millet Seed.	14.0	3.3	11.8	4.0	9.5	57.4	75	80		*67		
Oats.	11.0	3.0	11.8	5.0	9.5	59.7	78	83	20	76		67.56
Rice.	12.4	0.4	7.4	0.4	0.2	79.2	65	75		*91		77.33
Rye.	9.4	2.0	11.8	1.8	1.8	73.2	93	65		*91		93.11
Sorghum Seed.	12.8	2.1	9.1	3.6	2.6	69.8	77	86		*72		89.75
Sunflower Seed.	6.9	3.1	16.1	24.7	27.9	21.3	74	89		*41		92.49
Wheat.	10.5	1.8	11.9	2.1	1.8	71.9	86	81		*94		91.82
GRAIN BY-PRODUCTS												
Barley Meal.	11.9	2.6	10.5	2.2	6.5	66.3	70	89		*90		89.94
Barley Screenings.	12.2	3.6	12.3	2.8	7.3	61.8						
Brewers' Dried Grains.	7.5	3.5	26.5	6.9	14.6	41.0	79	91	53	59		50.93
Buckwheat Bran.	10.5	3.0	12.4	3.3	31.9	38.9	60	58		*43		30.59
Buckwheat Hulls.	13.2	2.2	4.6	1.1	43.5	35.4	46	55		*35		7.69
Buckwheat Middlings.	13.2	4.8	28.9	7.1	4.1	41.9	76	76		*73		72.19
Buckwheat Shorts.	11.1	5.1	27.1	7.6	8.3	40.8	78	72		*68		
Corn Bran.	9.1	1.3	9.0	5.8	12.7	62.1	82	79		*80		
Corn Cob.	10.7	1.4	2.4	0.5	30.1	54.9	17	50	65	60		
Corn Gluten Feed.	8.5	1.7	26.2	3.1	7.2	53.3	85	83	72	87		80.72
Corn Gluten Meal.	9.1	1.1	35.5	4.7	2.1	47.5	85	93	55	90		84.15
Corn Meal.	15.0	1.4	9.2	3.8	1.9	68.7	74	93	57	94		83.75
Distillers' Dried Grains.	6.6	2.6	30.7	12.2	11.6	36.3	73	95	95	81		85.08
Distillers' Dried Grains.												
Rye.	7.2	3.9	23.1	7.8	10.9	47.1	59	84		*67		56.01
Hominy Feed.	10.1	2.6	10.6	8.0	4.4	64.3	66	91	76	90		81.31
Malt Sprouts.	10.2	5.7	23.2	1.7	10.7	48.5	80	100	34	69		72.72
Pea Meal.	10.0	2.6	18.9	1.6	17.5	49.4	83	56		*76		77.62
Rice Bran.	10.1	9.7	12.1	11.4	12.4	44.3	65	77	25	79		45.29
Rice Hulls.	9.3	16.9	3.3	1.1	35.4	34.0	10	67	1	35		
Rice Meal.	10.2	8.1	12.0	13.1	5.4	51.2	63	85	26	86		65.24
Rice Polish.	10.0	4.8	11.9	9.1	1.9	62.3	67	82	26	91		77.70
Rye Bran.	11.6	3.6	14.7	2.8	3.5	63.8	78	71		*75		79.35
Rye Shorts.	9.3	5.9	18.0	2.8	5.1	58.9	66	57		*69		
Wheat Bran.	11.9	5.8	15.4	4.0	9.0	53.9	79	68	22	69		53.00
Wheat Middlings, (Flour).	10.7	3.7	17.8	5.0	4.7	58.1	88	86	36	88		75.02
Wheat Middlings.												
(Standard).	10.5	4.4	17.4	4.9	6.0	56.8	77	88	30	78		59.10
Wheat Reddog.	11.1	2.5	16.8	4.1	2.2	63.3	88	85		*86		78.80
Wheat Screenings.	11.6	2.9	12.5	3.0	4.9	65.1	72	88		*73		
Wheat Shorts.	11.8	4.6	14.9	4.5	7.4	56.8	82	84		*78		
Yeast Dried Grains.	6.8	3.7	20.3	7.8	17.4	44.0						
OIL MEALS												
Cocoanut Oil Meal.	10.3	5.9	19.7	11.0	14.4	38.7	79	95		*72		100.31
Corn Germ Oil Meal, (H. G.).	8.9	2.7	22.6	10.8	9.0	46.0	73	96	75	78		83.88
Cottonseed Oil Meal (41%)	7.6	7.2	41.0	8.1	9.2	26.9	88	93	32	64		93.46
Linseed Oil Meal, (N. P.).	10.1	5.8	33.2	3.0	9.5	38.4	85	93	74	88		85.12
Linseed Oil Meal, (O. P.).	9.2	5.7	32.9	7.9	8.9	35.4	89	89	57	78		88.91
Peanut Oil Meal.	10.7	4.9	47.6	8.0	5.1	23.7	90	90	9	84		93.55
Soybean Oil Meal.	11.8	5.4	41.4	7.4	5.3	28.7	92	68	99	100		99.65
Sunflower Oil Cake Meal.	10.0	4.2	34.8	18.3	10.9	21.8	92	90	26	71		88.87
ROUGHAGES												
Alfalfa Meal, (Prime).	8.4	7.4	14.3	2.2	25.0	42.7	74	41		*57		34.23
Barley Straw.	14.2	5.7	3.5	1.5	36.0	39.1	20	42	56	54		86.61
Buckwheat Straw.	9.9	5.5	5.2	1.3	43.0	35.1						4.55

Name of Feeding Stuffs.	Average Composition.						Coefficients. Digestion				Net Energy.
	Water.	Ash.	Protein.	Fat.	Carbo- hydrates.		Protein.	Fat.	Carbo- hydrates.		
					Fiber.	Nitrogen Free Extract.			Fiber.	Nitrogen Free Extract.	
	%	%	%	%	%	%	%	%	%	%	Therms
Canada Blue Grass, -----	14.0	4.8	5.9	0.9	32.3	42.1	42	33	-----	*65	-----
Clover Hay-Alsike, -----	9.7	8.3	12.3	2.9	25.6	41.2	66	50	53	71	34.42
Clover Hay-Crimson, -----	9.6	8.6	15.2	2.8	27.2	36.6	69	44	45	62	36.21
Clover Hay-Red, -----	15.3	6.2	12.3	3.3	24.8	38.1	49	43	48	58	38.68
Corn Fodder-Green, -----	42.2	2.7	4.5	1.6	14.3	34.7	55	74	65	73	14.60
Corn Silage, -----	79.1	1.4	1.7	0.8	6.0	11.0	53	87	-----	*66	15.90
Corn Stover, (Ears re- moved), -----	40.5	3.4	3.8	1.1	19.7	31.5	45	62	67	61	31.62
Hungarian Millet Hay, ---	14.3	6.3	8.3	2.8	24.0	41.3	60	64	68	67	46.96
Kentucky Blue Grass Hay, -	21.2	6.3	7.8	3.9	23.0	37.8	62	51	-----	*61	-----
Oat Hay, -----	12.0	6.8	8.4	2.8	28.3	41.7	54	61	52	56	32.25
Oat Straw, -----	9.2	5.1	4.0	2.3	37.0	42.4	30	33	54	44	34.81
Orchard Grass Hay, -----	9.9	6.0	8.1	2.6	32.4	41.0	60	54	-----	*58	44.93
Red Top Hay, -----	8.9	5.2	7.9	1.9	28.6	47.5	62	53	61	63	51.22
Rye Straw, -----	7.1	3.2	3.0	1.2	38.9	46.6	21	32	60	37	17.59
Timothy Hay, -----	13.2	4.4	5.9	2.5	29.0	45.0	48	57	52	59	43.02
Wheat Straw, -----	9.6	4.2	3.4	1.3	38.1	43.4	11	31	52	38	7.22
MISCELLANEOUS											
Beet Pulp-Dried, -----	8.0	5.4	9.5	0.4	15.4	61.3	52	-----	83	*83	75.87
Cocoa Hulls, -----	4.5	13.9	18.5	3.5	16.7	42.9	11	100	51	73	-----
Cocoanut Shells Ground, --	8.7	0.6	1.3	0.4	49.5	39.5	-----	-----	-----	-----	-----
Molasses (Beet), -----	20.8	10.6	9.1	-----	-----	59.5	-----	-----	-----	60	57.10
Molasses (Cane), -----	22.4	9.3	2.4	-----	-----	65.9	-----	-----	-----	66	55.88
Peanut Bran, -----	9.6	3.5	17.1	25.4	10.6	33.8	-----	-----	-----	-----	-----
Peanut Hulls, -----	9.1	5.5	7.3	2.6	56.6	18.9	6	81	-----	*44	-----
ANIMAL BY-PRODUCTS											
Digester Tankage 50%, ----	7.5	19.7	50.0	14.0	3.0	5.8	71	100	-----	*100	72.96
Digester Tankage 60%, ----	7.4	10.5	60.0	12.9	3.6	5.6	71	100	-----	*100	93.04
Dried Blood, -----	9.7	3.3	82.3	0.9	-----	3.8	84	-----	-----	-----	68.12
Fish Scrap, -----	10.8	29.2	48.4	11.6	-----	-----	78	100	-----	-----	-----
Meat and Bone Meal, ----	6.0	36.8	39.8	11.2	2.1	4.1	93	98	-----	-----	-----

{As published in Henry and Morrison's "Feeds and Feeding", W. H. Jordan's "The Feeding of Animals", J. E. Halligan's "Stock Feeds and Feeding", H. P. Armsby's "Principals of Animal Nutrition", and "Nutrition of Farm Animals", Bulletin No. 114, Pennsylvania Experiment Station, Bulletin No. 152, Massachusetts Experiment Station, Farmer's Bulletin No. 346, U. S. Department of Agriculture, and Feeding Stuffs Reports of Pennsylvania Department of Agriculture.

\*Digestion coefficients for carbohydrates, (nitrogen free extract and crude fiber), estimated together.

## KEY TO TABLES SHOWING ANALYSES OF OFFICIAL SAMPLES.

Each sample received was analyzed for moisture, protein, fat and fiber and examined microscopically in order to determine the correctness of guarantees and lists of ingredients and for the purpose of detecting the presence of inferior or prohibited materials. The results of chemical and microscopical examinations are included in Table IV, according to classification shown in Table I. Where 2



or more samples of the same class or kind are included the results of analyses and retail selling values were averaged. The brand names, names and addresses of Manufacturers, Importers and Selling Agents are shown in alphabetical order under each classification. In addition to the results of analyses the guarantees found printed upon sacks, attached cards or upon cards attached to bins where bulk sales were made, together with guaranteed compositions, are also shown. In those cases where the protein was found to be 1 per cent. or more below and the fat .50 per cent, or more below the guarantees, they were considered deficient. The brands of feeds which were not registered are indicated by an asterisk (\*). Each sample was given a number, which are shown in the first and last columns.

The several classes of feeds will be found in Table IV under the following general headings and sub-headings:

**OIL CAKE MEALS** including Cottonseed Meal, Cottonseed Feed, Old Process Linseed Oil Meal and Cocoanut Oil Meal.

**DISTILLERS' and BREWERS' BY-PRODUCTS** including Distillers' and Yeast Dried Grains and Brewers' Dried Grains.

**MAIZE BY-PRODUCTS** including Corn Gluten Meal, Corn Gluten Feed, Hominy Feed and Corn Feed Meal.

**WHEAT OFFALS** (With and without Ground Grain Screenings) including Wheat Bran, Mixed Feed:—Wheat By-Products, Standard Middlings, Flour Middlings, Brown Shorts, Gray Shorts, White Shorts and Low Grade Flour.

**RYE OFFALS** (With Ground Grain Screenings) including Rye Middlings.

**WHEAT AND RYE OFFALS** including Wheat Mixed Feed and Rye Middlings.

**OAT BY-PRODUCTS** including Oat Feed.

**BUCKWHEAT OFFALS** including Buckwheat Middlings and Buckwheat Feed.

**ALFALFA MEAL.**

**DRIED BEET PULP.**

**MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS** including Proprietary Dairy Feed, Proprietary Stock, Horse and Mule Feed, Proprietary Calf Meal, Proprietary Swine Feed, Proprietary and Miscellaneous Chop Feed, Miscellaneous Feed and Proprietary Poultry Scratch and Mash Feed.

**ANIMAL BY-PRODUCTS** including Meat and Bone Scrap and Tankage.



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	OIL CAKE PRODUCTS.				
	COTTONSEED MEAL.		%	%	%
1964	E. T. ALLEN CO., ATLANTA, GA. Empire High Grade, -----	Fred L. & John E. Hom- sher, Strasburg.	5.85	40.88	41.12
2187	Empire High Grade, -----	Kingston Feed Mills, Kingston.	6.82	40.81	41.12
2113	Empire High Grade, -----	Edwin F. Stover, Per- kasie.	6.52	41.38	41.12
1899	Premier Choice, -----	Haney-Frazier Milling & Elevator Co., Riverside.	6.15	43.63	43.00
	THE AMERICAN COTTON OIL CO., NEW YORK, N. Y.				
1992	Aco Brand, -----	Grover C. Hughes, Waynesburg.	7.18	42.81	41.18
	ASHCRAFT-WILKINSON COMPANY, ATLANTA, GA.				
2168	Helmet Brand Prime, -----	Bergin & Co., Nanticoke,	5.75	42.31	41.00
2383	Helmet Brand Prime, -----	Haney-Frazier Milling & Elevator Co., Riverside.	7.50	41.25	41.18
1871	Helmet Brand Prime, -----	Hefty Milling Co., Wat- sontown.	6.56	42.19	41.00
2667	Helmet Brand Prime, -----	Owings Brothers, York,	5.32	41.06	41.00
1775	Helmet Brand Prime, -----	Schooley & Son, Luzerne,	5.55	42.50	41.00
1705	Helmet Brand Prime, -----	Seureman Milling Co., Wilkes-Barre.	7.73	41.81	41.00
1736	Helmet Brand Prime, -----	J. E. Shugart, Carlisle,	6.83	41.19	41.18
2021	Monarch Brand Prime, -----	S. H. Pennypacker & Son, Kimberton.	7.62	41.81	43.00
	F. W. BRODE CORPORATION, MEMPHIS, TENN.				
1971	Owl Brand 41% Prime, -----	A. W. Gill, Atglen, ----	7.53	40.50	41.00
	THE CAMERON-DANIEL CO., AT- LANTA, GA.				
1805	Choice 41%, -----	John B. Curry's Sons, Swatara.	5.62	42.25	41.13
	R. G. CLARK & COMPANY, MEMPHIS, TENN.				
2228	Blue Ribbon Brand, -----	J. E. Pritts, Scottdale,	7.00	42.81	43.00
2611	S. P. DAVIS, LITTLE ROCK, ARK. Steerboy Brand, -----	Blank & Gottshall Co., Sunbury.	6.08	43.15	43.00
2226	Steerboy Brand, -----	Community Flouring Mills, Berwick.	7.47	43.06	43.00
1920	Steerboy Brand, -----	F. E. Farabaugh, Pat- ton.	8.39	43.75	43.00
2676	Steerboy Brand, -----	L. M. Lewis, Indiana,	7.54	43.19	43.00
	EASTERN COTTON OIL COMPANY, ELIZABETH CITY, N. C.				
2074	Perfection, -----	N. G. Euchus, Downin- gton.	5.05	41.06	41.00
2102	Perfection, -----	Great Valley Mills, Paoli,	6.93	42.50	41.00
1894	Perfection, -----	M. E. Herr, Turbotville,	5.91	42.81	41.00
2090	Perfection, -----	C. C. Hipple & Son, West Chester.	6.34	41.63	41.00
1855	Perfection, -----	George B. Phillips, Milton.	5.15	42.25	41.00
2078	Perfection, -----	Pollock's Feed Mill, Downingtown.	6.19	41.13	41.00
	C. R. GARNER & CO., AMARILLO, TEXAS.				
2600	Texama Prime, -----	J. E. Good, Friedens,	7.25	42.81	43.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.02	6.00	10.82	10.00	2 75	Made from upland cottonseed.	As certified, -----	1964
7.04	6.00	9.30	10.00	2 80	Made from upland cottonseed.	As certified, -----	2187
7.29	6.00	8.21	10.00	54 00	Made from upland cottonseed.	As certified, -----	2113
7.86	6.00	8.32	10.00	57 00	Made from upland cottonseed.	As certified, -----	1849
7.67	7.00	7.69	10.00	3 00	-----	Cottonseed meal, ----	1992
7.63	6.00	8.29	10.00	2 80	Made from upland cottonseed.	As certified, -----	2163
7.31	6.00	7.96	10.00	3 00	Made from upland cottonseed.	As certified, -----	2383
7.89	6.00	8.75	10.00	2 85	Made from upland cottonseed.	As certified, -----	1871
6.72	6.00	10.58	10.00	-----	Made from upland cottonseed.	As certified, -----	2467
6.80	6.00	8.80	10.00	3 05	Made from upland cottonseed.	As certified, -----	1775
6.82	6.00	9.08	10.00	3 05	Made from upland cottonseed.	As certified, -----	1705
6.89	6.00	10.07	10.00	2 90	Made from upland cottonseed.	As certified, -----	1736
6.70	6.00	10.49	10.00	3 00	Made from upland cottonseed.	As certified, -----	2021
7.13	5.00	9.19	10.00	2 70	Made from cottonseed.	As certified, -----	1971
7.34	7.00	10.29	10.00	2 80	Made from upland cottonseed.	As certified, -----	1805
6.95	5.00	8.10	10.00	2 55	Made from pressed cottonseed.	As certified, -----	2228
7.74	6.00	8.40	10.00	2 90	Made from decorticated cottonseed.	As certified, -----	2611
6.75	6.00	8.78	10.00	3 00	Made from decorticated cottonseed.	As certified, -----	2220
7.14	6.00	10.60	10.00	3 15	Made from decorticated cottonseed.	As certified, -----	1920
6.87	6.00	7.33	10.00	3 00	Made from decorticated	As certified, -----	2676
6.49	5.50	10.71	10.00	2 90	Made from upland cottonseed.	As certified, -----	2074
7.28	5.50	8.41	10.00	3 10	Made from upland cottonseed.	As certified, -----	2102
8.43	5.50	8.86	10.00	2 85	Made from upland cottonseed.	As certified, -----	1894
7.77	5.50	9.09	10.00	53 00	Made from upland cottonseed.	As certified, -----	2090
8.41	5.50	9.92	10.00	3 00	Made from upland cottonseed.	As certified, -----	1855
7.55	5.50	8.00	10.00	2 65	Made from upland cottonseed.	As certified, -----	2078
6.82	5.00	8.53	10.00	55 00	-----	Cottonseed meal, ----	2600

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	HUMPHREYS-GODWIN CO., MEMPHIS, TENN.		%	%	%
2465	Bull Brand, -----	J. B. Anderson's Son, Shickshinny.	5.19	43.63	43.00
2576	Bull Brand, -----	The Kline Grain Co., Shelocta.	6.83	43.13	43.00
1943	Bull Brand, -----	Quarryville Farmers' Association, Quarryville.	6.59	45.81	43.00
2530	Bull Brand, -----	Leonard Ritter, St. Marys.	8.36	43.38	43.00
2685	Bull Brand, -----	E. S. Thomas, Holsopple,	8.53	41.81	43.00
2216	Dixie Brand, -----	Briar Creek Mills, Briar Creek.	7.94	41.19	41.12
1723	Dixie Brand, -----	Miner-Hillard Milling Co., Wilkes-Barre.	6.20	42.50	41.12
2057	Dixie Brand, -----	F. E. Thompson, Russell,	8.48	42.94	41.12
2050	Dixie Brand, -----	Warren City Mills, Warren.	7.60	41.13	41.12
2551	Dixie Brand, -----	The White Milling Co., Bloomsburg.	6.06	43.31	41.12
1756	Forfat Brand Prime, -----	Greencastle Milling Co., Greencastle.	6.49	40.38	38.62
	L. B. LOVITT & CO., MEMPHIS, TENN.				
1925	Lovit Brand, -----	H. C. Andrews & Sons, McVeytown.	7.25	36.56	41.00
2281	Lovit Brand, -----	John C. Crisman, Berwick.	7.21	40.56	41.00
2152	Lovit Brand, -----	Farmers Milling Corporation, Washington.	5.92	42.50	41.00
1668	Lovit Brand, -----	Jacob & Keller Co., St. Marys.	6.81	41.32	41.00
2532	Lovit Brand, -----	Jacob & Keller Co., St. Marys.	7.56	42.38	41.00
2255	Lovit Brand, -----	Marion Center Milling Co., Marion Center.	4.51	41.19	41.00
2029	Lovit Brand, -----	James L. Pennock & Co., Avondale.	7.41	42.31	41.00
2112	Lovit Brand, -----	Edwin F. Stover, Perkasio.	8.57	41.06	41.00
2005	Lovit Brand, -----	Braekbill & Rutt, Paradise.	7.34	45.44	43.00
2504	Lovit Brand, -----	Wm. Gates Estate, Kittinging.	7.78	43.57	43.00
2332	Lovit Brand, -----	Star Milling Co., Starford.	8.79	43.31	43.00
	MARIANNA SALES COMPANY, MEMPHIS, TENN.				
1881	White Mule Brand Prime, -----	O. G. Gold & Son, Milton.	6.47	44.94	43.00
2631	White Mule Brand Prime, -----	B. F. Specht, Stoyestown.	5.36	44.06	43.00
	MEMPHIS COTTONSEED PRODUCTS COMPANY, MEMPHIS, TENN.				
2192	Durham Forty-One Prime, -----	James Fowler & Son, Wyoming.	7.11	42.13	41.00
1869	Durham Forty-Three, -----	Hefty Milling Co. Watsonstown.	6.72	43.44	43.00
	R. N. NEAL & CO., MEMPHIS, TENN.				
2215	Triangle Brand, -----	Briar Creek Mills, Briar Creek.	7.96	41.81	41.00
1747	Triangle Brand, -----	H. C. Zacharias, Brandtsville.	7.22	41.44	41.00
1883	Triangle Brand 43%, -----	W. W. Kalb, Sunbury,	6.65	43.38	43.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.68	5.00	10.91	10.00	3 15	Made from pressed cottonseed.	As certified, -----	2465
7.56	5.00	9.10	10.00	3 50	Made from pressed cottonseed.	As certified, -----	2576
6.98	5.00	9.38	10.00	2 85	Made from pressed cottonseed.	As certified, -----	1943
6.54	5.00	9.07	10.00	3 00	Made from pressed cottonseed.	As certified, -----	2530
6.25	5.00	8.74	10.00	60 00	Made from pressed cottonseed.	As certified, -----	2685
6.93	5.00	10.01	10.00	2 90	Made from pressed cottonseed.	As certified, -----	2216
7.43	5.00	8.46	10.00	3 05	Made from pressed cottonseed.	As certified, -----	1723
6.09	5.00	9.41	10.00	2 85	Made from pressed cottonseed.	As certified, -----	2057
6.93	5.00	10.76	10.00	2 80	Made from pressed cottonseed.	As certified, -----	2050
7.81	5.00	6.89	10.00	2 80	Made from pressed cottonseed.	As certified, -----	2551
5.77	5.00	14.24	12.00	3 00	Made from pressed cottonseed.	As certified, -----	1756
6.20	6.00	12.00	10.00	3 00	Made from decorticated cottonseed.	As certified, -----	1925
7.60	6.00	9.07	10.00	2 75	Made from decorticated cottonseed.	As certified, -----	2281
7.77	6.00	8.14	10.00	3 00	Made from decorticated cottonseed.	As certified, -----	2152
7.82	6.00	8.52	10.00	3 00	Made from decorticated cottonseed.	As certified, -----	1668
7.95	6.00	7.73	10.00	3 00	Made from decorticated cottonseed.	As certified, -----	2532
10.84	6.00	6.89	10.00	3 00	Made from decorticated cottonseed.	As certified, -----	2255
6.46	6.00	8.41	10.00	2 80	Made from decorticated cottonseed.	As certified, -----	2029
8.59	6.00	9.76	10.00	54 00	Made from decorticated cottonseed.	As certified, -----	2112
6.72	6.00	10.09	10.00	2 90	Made from decorticated cottonseed.	As certified, -----	2005
7.56	6.00	8.43	10.00	3 50	-----	Cottonseed meal, ---	2504
6.53	6.00	10.43	10.00	3 50	-----	Cottonseed meal, ---	2332
6.14	6.00	9.33	10.00	3 15	Made from cottonseed.	As certified, -----	1881
6.01	6.00	9.90	10.00	55 00	Made from cottonseed.	As certified, -----	2681
6.33	6.00	9.83	10.00	2 80	Made from cottonseed.	As certified, -----	2192
6.50	6.00	11.44	10.00	3 00	-----	Cottonseed meal, ---	1869
7.61	6.00	6.90	10.00	2 90	Made from decorticated cottonseed.	As certified, -----	2215
6.89	6.00	7.60	10.00	3 25	Made from decorticated cottonseed.	As certified, -----	1747
7.74	6.00	8.25	10.00	3 20	-----	Cottonseed meal, ---	1833



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
	W. C. NOTHERN, MEMPHIS, TENN.				
2273	Bee Brand, -----	Danville Milling Co., Danville.	6.74	41.82	41.12
2069	Bee Brand, -----	A. Dunn & Son, Tid-oute.	7.65	42.44	41.12
1890	Bee Brand, -----	Kelly Brothers, Washing-tonville,	4.41	43.88	41.12
	D. A. STICKELL & SONS, HAGERS-TOWN, MD.				
2004	Choice, -----	Brackbill & Rutt, Para-dise,	6.95	41.38	41.00
	TEXAS CAKE AND LINTER CO., DALLAS, TEXAS				
2321	Texoma Brand Prime, -----	The S. K. Barber Co., Pittston..	7.26	44.31	43.00
	A. C. WESTERVELT & CO., MEMPHIS, TENN.				
2368	Planet Brand, -----	H. H. Lysinger & Son, Bedford.	8.85	41.00	43.00
1826	Planet Brand, -----	Newgard & Tice, Ann-ville.	6.32	42.83	43.00
	COTTONSEED FEED ASHFRAFT-WILKINSON CO., ATLANTA, GA.	Average,	6.84	42.30	-----
	Paramount Brand Good, -----	H. Hunter, Ashland,	6.38	40.00	36.00
2452	Paramount Brand Good, -----	Knecht Milling Co., Mill Hall.	7.87	37.50	36.00
	F. W. BRODE CORPORATION, MEMPHIS, TENN.				
2661	Owl Brand 36% Prime, -----	The Hex Milling Co., Shamokin.	7.31	36.13	36.00
1786	Owl Brand 36% Prime, -----	C. P. Matthews & Sons, Inc., Luzerne.	6.28	34.88	36.00
	THE BUCKEYE COTTON OIL CO., CINCINNATI, OHIO				
2320	Buckeye, -----	S. K. Barber Co., Pitts-ton.	7.81	31.44	36.00
2145	Buckeye, -----	J. K. Lawson, Washing-ton.	7.98	36.19	36.00
	EAST ST. LOUIS COTTON OIL CO., NATIONAL STOCK YARDS, ILL.				
1912	St. Clair Brand, -----	S. C. S. Wholesale Co., Barnsboro.	8.35	37.19	36.00
	HUMPHREYS-GODWIN COMPANY, MEMPHIS, TENN.				
2071	Danish Brand, -----	Bowman Milling Com-pany, East Hickory,	8.43	37.50	36.00
	L. B. LOVITT & COMPANY, MEMPHIS, TENN.				
2584	Thirty-Six Brand, -----	E. A. Stear & Sons, Smicksburg.	8.65	35.31	36.00
	MARIANNA SALES CO., MEMPHIS, TENN.				
2700	White Mule Brand 36% Good, -----	Western Flour Co., Monessen.	7.13	38.56	36.00
2058	White Mule Brand 36% Good, -----	C. E. Wilson, Russell,	9.04	36.38	36.00
	R. N. NEAL & COMPANY, MEMPHIS, TENN.				
2597	Triangle Brand, -----	Keystone Flour & Feed Co., Punxsutawney.	7.60	38.38	36.00
	A. C. WESTERVELT & CO., MEMPHIS, TENN.				
1838	*Sun Brand, -----	A. H. Klugh, New Kensington.	7.48	40.50	36.00
2476	*Sun Brand, -----	Latrobe Feed Supply Co., Latrobe.	8.83	31.06	36.00

\*Not Registered.



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.56	6.00	7.97	12.00	3 00	Made from pressed cottonseed.	As certified, -----	2273
7.60	6.00	8.99	12.00	3 25	Made from pressed cottonseed.	As certified, -----	2069
5.17	6.00	7.75	12.00	3 00	-----	Cottonseed meal, ---	1890
7.41	7.00	8.73	10.00	2 75	Made from upland cottonseed.	As certified, -----	2004
5.75	6.00	9.66	10.00	54 00	-----	Cottonseed meal, ---	2321
6.20	6.00	12.82	10.00	3 00	Made from pressed cottonseed.	As certified, -----	2368
7.03	6.00	10.29	10.00	2 80	Made from pressed cottonseed.	As certified, -----	1826
7.17	-----	9.21	-----	\$58 82			
6.09	5.50	10.94	14.00	2 90	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	2452
6.33	5.50	13.07	14.00	2 80	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	1659
5.39	5.00	14.24	14.00	2 90	Made from cottonseed.	Cottonseed meal and cottonseed hulls.	2061
6.01	5.00	13.80	14.00	3 05	Cottonseed meal and cottonseed hulls.	As certified, -----	1786
6.11	5.00	13.65	14.00	54 00	Cottonseed meal and cottonseed hulls.	As certified, -----	2320
6.46	5.00	11.16	14.00	2 85	Cottonseed meal and cottonseed hulls.	As certified, -----	2145
6.25	5.00	13.31	16.00	3 25	-----	Cottonseed meal and cottonseed hulls.	1912
7.05	5.00	12.50	15.00	3 00	Cottonseed meal and cottonseed hulls.	As certified, -----	2071
7.01	5.00	12.14	14.00	2 85	-----	Cottonseed meal and cottonseed hulls.	2584
3.37	5.00	11.95	14.00	3 50	Made from cottonseed.	Cottonseed meal and cottonseed hulls.	2700
6.30	5.00	11.22	14.00	2 75	Made from cottonseed.	Cottonseed meal and cottonseed hulls.	2058
7.14	5.00	11.72	14.00	3 00	-----	Cottonseed meal and cottonseed hulls.	2597
7.78	5.00	10.18	15.00	3 50	Cottonseed meal and cottonseed hulls.	As certified, -----	1833
5.50	5.00	14.34	15.00	2 60	Cottonseed meal and cottonseed hulls.	As certified, -----	2476

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
2232	*Sun Brand, ----- LINSEED OIL MEAL, O. P. AMERICAN LINSEED CO., BUFFALO, N. Y.	James F. Stanton & Sons, New Stanton. Average,	% 8.72 7.85	% 31.88 36.19	% 36.00 -----
2043	Alineo Old Process Linseed Oil Meal, AMERICAN MILLING CO., PEORIA, ILL.	Kane Milling & Grocery Co., Kane.	8.73	32.25	32.00
1903	Amco Old Process Linseed Meal and Old Process Screenings Oil Feed, -- ARCHER-DANIELS-MIDLAND CO., BUFFALO, N. Y.	B. S. Stauffer & Co., Lawn.	8.74	31.81	30.00
2615	Pure Old Process Ground Oil Cake, Blank & Gottshall Co., Inc., Sunbury.	Blank & Gottshall Co., Inc., Sunbury.	8.53	36.00	34.00
1884	Pure Old Process Ground Oil Cake, W. W. Kalb, Sunbury.	W. W. Kalb, Sunbury,	9.18	35.19	34.00
2487	Pure Old Process Ground Oil Cake, Lionier Flouring Mills, Ligonier.	Lionier Flouring Mills, Ligonier.	9.66	35.69	34.00
1856	Pure Old Process Ground Oil Cake, George B. Phillips, Mil- ton.	George B. Phillips, Mil- ton.	7.51	33.00	32.00
1710	Pure Old Process Ground Oil Cake, Scureman Milling Co., Wilkes-Barre.	Scureman Milling Co., Wilkes-Barre.	8.65	32.00	31.00
1864	Pure Old Process Ground Oil Cake, Wolfe & Huffman, Wat- sontown.	Wolfe & Huffman, Wat- sontown.	9.55	33.31	31.00
2259	HIRST & BEGLEY LINSEED WORKS, CHICAGO, ILL. Old Process Pure Ground Linseed Cake Meal, -----	W. P. Lauster, Yates- boro.	7.91	34.50	34.00
2543	SPENCER KELLOGG & SONS, INC., Kellogg's Pure Old Process Oil Meal,	Dayton Milling Co., Dayton.	9.67	36.13	34.00
2193	Kellogg's Pure Old Process Oil Meal,	James Fowler & Sons, Wyoming.	9.06	34.75	31.00
2604	Kellogg's Pure Old Process Oil Meal,	H. L. Garrison & Brother, Berwick.	8.75	32.25	31.00
1878	Kellogg's Pure Old Process Oil Meal,	O. G. Gold & Son, Milton.	7.21	32.69	31.00
1727	Kellogg's Pure Old Process Oil Meal,	Miner-Hillard Milling Co., Wilkes-Barre.	6.78	35.94	31.00
2376	Kellogg's Pure Old Process Oil Meal,	Smith Brothers, Inc., Bradford.	8.44	31.00	31.00
2047	Kellogg's Pure Old Process Oil Meal,	Warren City Mills, Warren.	9.27	36.00	34.00
2553	Kellogg's Pure Old Process Oil Meal, JOHN T. LEWIS & BROTHERS COMPANY, PHILADELPHIA, PA.	The White Milling Co., Bloomsburg.	8.44	32.38	31.00
2123	Linseed Cake Meal, -----	Lewis A. Brown, New Hope.	2.88	32.13	31.00
1811	Linseed Cake Meal, -----	John G. Earley & John A. Detweiler, Palmyra.	7.32	31.69	31.00
2081	Linseed Cake Meal, -----	J. W. Maxwell & Son, East Downingtown.	8.76	33.06	34.00
2296	Linseed Cake Meal, -----	F. S. Wertz & Son, Reading.	7.24	34.56	32.00
2464	THE MANN BROTHERS CO., BUFFALO, N. Y. Pure Old Process Linseed Oil Meal,	J. B. Anderson's Son, Shickshinny.	6.72	34.50	34.00
1816	Pure Old Process Linseed Oil Meal,	John B. Curry's Sons, Palmyra.	9.72	34.56	34.00
2695	Pure Old Process Linseed Oil Meal,	Griffith, Ellis, Indiana,	10.27	33.81	34.00
2269	Pure Old Process Linseed Oil Meal,	John W. Eshelman & Sons, Lancaster.	9.96	31.63	34.00
2227	Pure Old Process Linseed Oil Meal,	Flory Milling Co., Nazareth.	9.23	32.82	34.00
2039	Pure Old Process Linseed Oil Meal, *Not Registered	The Heller Milling Co., Wapwallopen.	10.14	33.94	34.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 6.50	% 5.00	% 15.15	% 15.00	\$ 2 75	Made from pressed cottonseed.	Cottonseed meal and cottonseed hulls.	2232
6.42	-----	12.62	-----	\$59 20			
6.85	5.00	8.08	8.00	2 50	-----	Linseed oil meal, ---	2043
7.03	5.00	9.04	10.00	2 50	-----	Linseed oil meal and screenings oil feed.	1903
8.39	6.00	8.41	9.00	2 90	-----	Linseed oil meal, ---	2615
6.14	5.00	8.24	10.00	2 90	-----	Linseed oil meal, ---	1834
6.21	6.00	8.00	10.00	2 75	-----	Linseed oil meal, ---	2487
7.17	6.00	8.41	10.00	3 00	-----	Linseed oil meal, ---	1856
6.94	5.00	7.89	10.00	2 75	-----	Linseed oil meal, ---	1710
6.39	6.00	7.70	10.00	2 75	-----	Linseed oil meal, ---	1864
7.21	6.00	8.18	9.00	3 25	-----	Linseed oil meal, ---	2259
5.66	5.00	8.23	10.00	2 65	-----	Linseed oil meal, ---	2543
6.69	5.00	8.57	10.00	2 75	-----	Linseed oil meal, ---	2193
5.94	5.00	8.60	10.00	2 50	-----	Linseed oil meal, ---	2604
6.97	5.00	7.75	10.00	3 00	-----	Linseed oil meal, ---	1878
6.21	5.00	8.79	10.00	2 75	-----	Linseed oil meal, ---	1727
5.75	5.00	7.84	10.00	2 45	-----	Linseed oil meal, ---	2376
6.40	5.00	8.29	10.00	2 50	-----	Linseed oil meal, ---	2047
5.85	5.00	7.99	10.00	2 70	-----	Linseed oil meal, ---	2553
7.15	5.00	6.20	10.00	2 65	-----	Linseed oil meal, ---	2123
7.66	5.00	8.21	10.00	2 60	-----	Linseed oil meal, ---	1811
6.54	5.00	7.69	10.00	3 20	-----	Linseed oil meal, ---	2081
7.76	5.00	8.45	10.00	55 00	-----	Linseed oil meal, ---	2296
7.05	6.00	8.41	10.00	2 90	-----	Linseed oil meal, ---	2464
6.70	6.00	8.18	10.00	2 70	-----	Linseed oil meal, ---	1816
7.07	6.00	7.96	10.00	3 25	-----	Linseed oil meal, ---	2695
6.65	6.00	7.62	10.00	41 50	-----	Linseed oil meal, ---	2209
6.78	6.00	7.58	10.00	54 00	-----	Linseed oil meal, ---	2227
7.26	6.00	7.93	10.00	2 75	-----	Linseed oil meal, ---	2039

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2238	Pure Old Process Linseed Oil Meal,	Hudson & Kuhn, Greens-	11.85	34.31	34.00
1848	Pure Old Process Linseed Oil Meal,	burg, Western Flour Co., Mon-	10.09	34.00	35.00
2106	Pure Old Process Linseed Oil Meal,	essen, Great Valley Mills,	11.12	33.19	31.00
2529	Argentine Brand, ----- Pure Old Process Linseed Oil Meal,	Paoli. Leonard Ritter, St.	10.39	32.63	31.00
1774	Argentine Brand, ----- Pure Old Process Linseed Oil Meal,	Marys. Schooley & Son, Lu-	9.14	32.63	31.00
	Argentine Brand, -----	zerne.			
	THE SHERWIN-WILLIAMS CO., CLEVELAND, OHIO.				
1989	Linseed Oil Meal, -----	Grover C. Hughes, Waynesburg.	8.20	33.75	34.00
	THOMPSON & COMPANY, PITTS-				
2235	BURGH, PA. Oil Meal as Stock Food, -----	Youngwood Lumber & Supply Co., Young-	9.72	34.38	30.00
	TOLEDO SEED AND OIL COMPANY, TOLEDO, OHIO.	wood.			
2070	Major Brand Old Process Oil Meal,	Bowman Milling Co.,	9.47	35.00	33.00
2384	Major Brand Old Process Oil Meal,	East Hickory.	8.79	33.44	33.00
		Haney-Frazier Milling & Elevator Co., River-			
2369	Major Brand Old Process Oil Meal,	side.	10.02	31.16	33.00
		H. H. Lysinger & Son, Bedford.	8.82	33.57	-----
	COCOANUT OIL MEAL. GORGAS-PIERIE MANUFACTURING	Average, -----			
1898	CO., PHILADELPHIA, PA. Copra Cake Meal, -----	M. E. Herr, Turbot-	9.19	22.75	21.00
		ville.			
	DISTILLERY AND BREWERY BY-				
	PRODUCTS.				
	DISTILLERS' AND YEAST DRIED				
	GRAINS.				
	DONAHUE-STRATTON CO., MIL-				
2025	WAUKEE, WIS. Onyx Dried Grains, -----	Shortlidge Brothers, West Grove.	6.79	22.44	20.00
	BREWERS' DRIED GRAINS.				
	M. F. BARINGER, PHILADELPHIA,				
2612	PA. MFB Dried Brewers' Grains, -----	Blank & Gottshall Co., Inc., Sunbury.	7.50	21.00	21.00
	T. A. HAUSCHEL, CHICAGO, ILL.				
1889	Brewers' Dried Grains, -----	Kelley Brothers, Wash-	3.98	24.19	20.00
		ingtonville.			
	HAZLETON SYRUP CO., HAZLE-				
1724	TON, PA. Dried Brewers' Grains, -----	Miner Hillard Milling Co., Wilkes-Barre.	4.05	18.19	18.90
	PENN GRAINS & FEED CO., PHILADELPHIA, PA.				
2082	Peerless Brewers' Dried Grains, ---	J. W. Maxwell & Son, East Downingtown.	6.60	24.31	20.00
	THE SCHOLL COMPANY, NEWARK, N. J.				
2101	Dried Brewers' Grains, -----	Great Valley Mills, Paoli.	5.92	25.81	25.00
	STEGMAIER BREWING CO., WILKES-BARRE, PA.				
2169	Dried Brewery Grain, -----	Bergen & Co., Nanti-	6.98	25.81	22.23
		coke.			
1706	Dried Brewery Grain, -----	Scureman Milling Co., Wilkes-Barre.	4.27	25.88	22.23

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.
Found.	Guaranteed.	Found.	Guaranteed.			
%	%	%	%	\$		
6.53	6.00	7.95	19.00	2 50	-----	Linseed oil meal, ---- 2238
7.32	6.00	9.05	10.00	2 90	-----	Linseed oil meal, ---- 1848
7.14	6.00	8.72	10.00	2 70	-----	Linseed oil meal, ---- 2106
7.21	6.00	7.31	10.00	3 50	-----	Linseed oil meal, ---- 2529
7.10	6.00	7.92	10.00	2 75	-----	Linseed oil meal, ---- 1774
7.73	5.00	8.60	10.00	3 00	-----	Linseed oil meal, ---- 1989
7.01	5.50	8.22	11.00	3 25	-----	Linseed oil meal, ---- 2235
6.31	6.00	8.30	10.00	3 25	-----	Linseed oil meal, ---- 2070
8.75	6.00	8.64	10.00	3 00	-----	Linseed oil meal, ---- 2584
6.27	6.00	8.53	10.00	3 00	-----	Linseed oil meal, ---- 2369
6.86	-----	8.14	-----	\$56 23		
7.96	6.00	8.22	11.00	2 00	-----	Cocoanut oil meal, --- 1898
7.55	7.00	15.50	16.50	2 30	-----	Dried yeast grains from corn, barley malt and malt sprouts. 2025
7.52	6.00	15.88	17.00	2 30	-----	Brewers' dried grains, 2612
6.73	5.00	15.51	19.00	2 70	-----	Brewers' dried grains, 1889
6.06	6.00	19.63	20.52	2 25	-----	Brewers' dried grains, 1724
6.59	5.00	14.22	17.00	2.50	-----	Brewer's dried grains. 2082
7.24	5.00	13.90	14.00	2.30	-----	Brewer's dried grains. 2101
6.93	6.50	13.35	16.50	2.50	-----	Brewer's dried grains. 2169
7.26	6.50	15.03	16.50	2.50	-----	Brewer's dried grains. 1706



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1769	Dried Brewery Grain, -----	Wilkes-Barre Milling Wilkes-Barre.	4.99	22.88	22.23
	MAIZE BY-PRODUCTS. CORN GLUTEN MEAL. CORN PRODUCTS REFINING CO., NEW YORK, N. Y.	Average, -----	5.53	23.51	-----
2107	Diamond Corn Gluten Meal, -----	Great Valley Mills, Paoli.	7.10	43.81	40.00
	CORN GLUTEN FEED. AMERICAN MAIZE PRODUCTS CO., NEW YORK, N. Y.				
2318	Cream of Corn, -----	The S. K. Barber Co., Pittston.	8.85	24.81	23.00
1804	Cream of Corn, -----	John B. Curry's Sons, Swatara.	6.88	26.88	23.00
2253	Cream of Corn, -----	Jalappa Grain Elevator, Pottsville.	8.98	24.75	23.00
2137	Cream of Corn, -----	Yardley Mills Co., Inc., Yardley.	8.61	26.13	23.00
	CORN PRODUCTS REFINING CO., NEW YORK, N. Y.				
2194	Buffalo, -----	James Fowler & Sons, Wyoming.	8.71	26.38	23.00
2391	Buffalo, -----	Haney-Frazier Milling & Elevator Co., Riverside.	9.17	25.00	23.00
2659	Buffalo, -----	The Hex Milling Co., Shamokin.	9.23	25.88	23.00
1773	Buffalo, -----	Schooley & Son, Luzerne,	8.54	25.88	23.00
2394	Buffalo, -----	Glen E. Tingley, New Milford.	9.47	29.63	23.00
	THE HURON MILLING CO., HARBOR BEACH, MICH.				
1970	Jenks', -----	A. W. Gill, Atglen, -----	8.49	23.69	22.00
	PENICK & FORD, LTD., INC., CEDAR RAPIDS, IOWA.				
2041	Douglas, -----	The Heller Milling Co., Wapwallopen.	7.92	26.75	23.00
2664	Douglas, -----	Shamokin Milling Co., Shamokin.	8.22	23.38	23.00
	PIEL BROTHERS STARCH COM- PANY, INDIANAPOLIS, IND.				
2076	P. Bro., -----	N. G. Euchus, Downing- town.	7.87	26.75	23.00
	A. E. STALEY MANUFACTURING CO., DECATUR, ILL.				
2220	Staley's, -----	Community Flouring Mills, Berwick.	9.60	24.00	23.00
2453	Staley's, -----	H. Hunter, Ashland, -----	7.39	25.56	23.00
2448	Staley's, -----	Wm. Wahl, Ambridge, -----	7.40	26.63	23.00
	UNION STARCH & REFINING CO., COLUMBUS, IND.				
2073	Union, -----	N. G. Euchus, Downing- town.	9.49	26.88	23.00
1865	Union, -----	Wolfe & Huffman, Watson town.	8.59	26.31	23.00
	HOMINY FEED. AMERICAN HOMINY COMPANY, INDIANAPOLIS, IND.	Average, -----	8.52	25.85	-----
1906	*Homco, -----	B. S. Stauffer & Co., Lawn.	9.55	11.19	10.00
	EAGLE ROLLER MILL COMPANY, NEW ULM, MINN.				
1771	Yellow, -----	Wilkes-Barre Milling Co., Wilkes-Barre.	10.10	10.94	8.00

\*Not Registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.62	6.50	16.03	16.50	2 40	-----	Brewer's dried grains.	1769
6.87	-----	15.44	-----	\$2 43			
2.23	1.00	3.00	4.00	3 25	Corn gluten meal, -----	As certified, -----	2107
4.02	1.50	5.80	8.50	43 20	-----	Corn gluten-feed, -----	2318
2.46	1.50	7.83	8.50	2 75	-----	Corn gluten feed, -----	1804
4.39	1.50	6.21	8.50	2 25	-----	Corn gluten feed, -----	2253
3.43	1.50	7.92	8.50	2 50	Corn gluten feed, -----	As certified, -----	2137
3.23	2.00	8.35	8.50	2 40	Corn gluten feed, -----	As certified, -----	2194
1.96	1.00	8.42	8.50	2 90	Corn gluten feed, -----	As certified, -----	2391
2.72	2.00	8.30	8.50	2 75	Corn gluten feed, -----	As certified, -----	2659
2.25	1.00	8.00	8.50	2 80	Corn gluten feed, -----	As certified, -----	1773
2.62	2.00	7.83	8.50	2 40	Corn gluten feed, -----	As certified, -----	2394
3.20	3.00	7.15	8.00	-----	Corn starch by-product with corn bran.	As certified, -----	1970
3.20	1.00	7.03	8.00	2 65	-----	Corn gluten feed, -----	2041
4.05	1.00	8.30	8.00	2 75	-----	Corn gluten feed, -----	2664
1.72	2.00	7.42	8.00	2 50	-----	Corn gluten feed, -----	2076
2.42	1.00	6.93	8.00	2 60	Corn gluten feed, -----	As certified, -----	2220
2.00	1.00	6.78	8.00	2 65	Corn gluten feed, -----	As certified, -----	2453
2.16	1.00	6.43	8.00	48 00	Corn gluten feed, -----	As certified, -----	2448
3.30	3.00	7.06	8.00	2 50	Corn gluten feed, -----	As certified, -----	2073
2.24	3.00	6.91	8.00	2 75	Corn gluten feed, -----	As certified, -----	1865
2.85	-----	7.37	-----	\$51 42			
3.92	6.00	2.40	6.00	2 10	Manufactured from white corn with corn screenings added and part of germ removed.	As certified, -----	1906
5.43	5.00	4.01	7.00	2 25	-----	Hominy feed, -----	1771

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2091	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger White, -----	C. C. Hipple & Son, West Chester.	9.95	10.00	10.00
2014	LOUISVILLE MILLING CO., INC., LOUISVILLE, KY. Sonny South, -----	Fisher & Nolan, West Chester.	10.66	12.19	10.60
1728	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Choice Steam Cooked, -----	Miner-Hillard Milling Co., Wilkes-Barre.	8.57	11.44	10.00
2180	NORTHERN ILLINOIS CEREAL CO., LOCKPORT, ILL. White, -----	Gibbs Milling Co., Nanticoke.	8.70	11.50	-----
2396	POSTUM CEREAL COMPANY, INC., BATTLE CREEK, MICH. Burt's, -----	Mervin C. Meservey, New Milford.	9.66	10.19	10.00
2692	THE QUAKER OATS CO., CHICAGO, ILL. Yellow, -----	D. Klines Department Store, Bolivar.	8.34	11.88	10.50
2062	Yellow, -----	S. D. Rohrbaugh, Mannheim.	9.21	12.25	10.50
2103	White, -----	Great Valley Mills, Paoli, Average, -----	10.13 9.48	11.13 11.27	10.50 -----
2319	CORN FEED MEAL. KASCO MILLS, WAVERLY, N. Y. Kasco, -----	The S. K. Barber Co., Pittston,	12.32	9.25	8.75
2124	LEWIS A. BROWN, NEW HOPE, PA. Corn Feed Meal, -----	Lewis A. Brown, New Hope. Average, -----	8.84 10.58	9.35 9.30	----- -----
1737	WHEAT OFFALS. WHEAT BRAN. (With and without Ground Grain Screenings) WILLIAM B. BARNITZ, BARNITZ, PA. Wheat Bran, -----	J. C. Stover, Mt. Holly Springs:	7.01	17.38	-----
2673	BAY STATE MILLING CO., WINONA, MINN. Wingold Pure Hard Wheat Bran, ---	Hetrick, Wilson & Co., Indiana.	10.11	16.25	15.00
2547	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN. Big Diamond Wheat Bran with Ground Screenings not exceeding Mill Run, -----	R. C. Wilson, Dayton, --	9.85	15.25	14.50
2494	BOOKWALTER & KERR, CORSICA, PA. Pure Wheat Bran, -----	Bookwalter & Kerr, Corsica.	9.27	15.94	15.00
1750	W. E. BOYER, CHAMBERSBURG, PA. Wheat Bran, -----	W. E. Boyer, Chambersburg.	7.05	17.19	-----
2212	BRIAR CREEK MILLS, BRIAR CREEK, PA. Pure Wheat Bran, -----	Briar Creek Mills, Briar Creek.	7.94	14.25	14.19
2653	THE BUCKEYE CEREAL CO., MASSILLON, O. Pure Soft Winter Wheat Bran, ---	Peter Shaffer & Son, New Brighton.	8.27	15.13	15.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.37	5.00	2.78	5.00	41 00	Made from white corn.	As certified, -----	2001
7.81	7.00	5.13	6.00	2 20	-----	Hominy feed, -----	2014
5.04	4.00	3.50	5.00	2 25	-----	Hominy feed, -----	1728
7.53	-----	3.72	-----	2 05	-----	Hominy feed, -----	2180
6.50	6.00	4.57	5.00	2 45	Made from white corn.	As certified, -----	2396
6.40	5.00	5.59	6.00	2 50	-----	Hominy feed, -----	2692
5.54	5.00	4.28	6.00	2 00	Yellow hominy feed, --	As certified, -----	2002
6.72	5.00	4.56	6.00	2 30	White hominy feed, ---	As certified, -----	2103
5.93	-----	4.05	-----	\$44 30			
3.55	3.00	3.05	3.00	36 70	Ground from whole corn with percentage of cracked corn removed.	As certified, -----	2319
4.58	-----	2.15	-----	2 00	-----	Corn feed meal, -----	2124
4.07	-----	2.60	-----	\$38 35			
4.79	-----	8.50	-----	2 10	-----	Wheat bran, -----	1737
5.74	4.50	10.67	13.00	2 00	-----	Wheat bran, -----	2673
5.05	5.00	10.58	10.90	1 85	-----	Wheat bran with mill run ground screen- ings.	2547
4.04	4.00	8.70	10.00	2 00	-----	Wheat bran, -----	2494
4.39	-----	8.49	-----	1 85	-----	Wheat bran, -----	1750
4.11	4.04	7.81	9.36	1 80	-----	Wheat bran, -----	2212
4.30	3.50	9.85	12.00	1 90	-----	Wheat bran, -----	2653

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2562	CANNON VALLEY MILLING CO., MINNEAPOLIS, MINN. Cannon Valley Pure Wheat Bran, --	W. A. Eckenrode, Carrolltown.	9.06	17.00	14.50
2486	CANNON VALLEY Pure Wheat Bran, --	N. M. Weller, Ligonier,	8.87	15.88	14.00
2191	CATARACT CITY MILLING CO., NIAGARA FALLS, N. Y. Wheat Bran with Ground Screenings not exceeding Mill Run, -----	James Fowler & Son, Wyoming.	8.93	15.69	14.00
1703	Wheat Bran with Ground Screenings not exceeding Mill Run, -----	Seureman Milling Co., Wilkes-Barre.	7.60	15.91	14.00
2413	CLARION FLOUR MILLS, CLARION, PA. Pure Wheat Bran, -----	Clarion Flour Mills, Clarion.	9.51	16.19	-----
1661	CLINTONDALE MILLING CO., INC., CLINTONDALE, PA. Pure Wheat Bran, -----	Clintondale Milling Co., Inc., Clintondale.	7.89	15.88	-----
1949	THE COMMERCIAL MILLING COMPANY, DETROIT, MICH. Wheat Bran, -----	E. B. Fritz & Sons Co., Quarryville.	5.35	18.06	14.50
2221	COMMUNITY FLOURING MILLS, BERWICK, PA. Pure Wheat Bran, -----	Community Flouring Mills Berwick.	7.99	16.31	15.00
1699	COWAN ROLLER MILLS, COWAN, PA. Wheat Bran, -----	Cowan Roller Mills, Cowan	7.70	16.06	-----
1982	THE CONSOLIDATED FLOUR MILLS CO., HUTCHINSON, KANSAS. Wheat Bran and Screenings, -----	Waynesburg Milling Co., Waynesburg.	7.31	16.25	14.50
2278	JOHN C. CRISMAN, BERWICK, PA. Pure Wheat Bran, -----	John C. Crisman, Berwick.	9.10	15.19	14.00
2435	CHARLES E. CROTSLEY, SALTILLO, PA. Wheat Bran, -----	Charles E. Crotsley, Saltillo.	9.39	17.19	-----
2440	LEWIS C. CROUSE, McCONNELLSBURG, PA. Wheat Bran, -----	Lewis C. Crouse, McConnellsburg.	8.74	17.63	-----
2436	CUNINGHAM-VOSS COMPANY, ENID, PA. *Wheat Bran, -----	Cunningham-Voss Company, Enid,	8.98	17.25	-----
1817	JOHN B. CURRY'S SONS, PALMYRA, PA. Wheat Bran with Ground Screenings not exceeding Mill Run, -----	John B. Curry's Sons, Palmyra.	7.65	17.19	14.00
1702	W. E. CUSTER, MILTON, PA. Wheat Bran, -----	W. E. Custer, Milton,--	8.06	17.94	-----
1768	EAGLE ROLLER MILL COMPANY, NEW ULM, MINN. Eagle Roller Mill Co.'s Wheat Bran with Ground Screenings not exceeding Mill Run, -----	Wilkes-Barre Milling Company, Wilkes-Barre.	6.36	15.88	14.00

\*Not Registered.



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.46	4.00	9.39	12.00	40 00	-----	Wheat bran, -----	2562
5.71	4.00	9.34	12.00	1 75	-----	Wheat bran, -----	2486
5.75	4.20	10.75	12.00	1 90	-----	Wheat bran with mill run ground screenings.	2191
5.56	4.20	10.75	12.00	2 60	-----	Wheat bran with mill run ground screenings.	1708
3.75	-----	8.38	-----	2 00	-----	Wheat bran, -----	2413
4.00	-----	9.91	-----	1 90	-----	Wheat bran, -----	1661
5.54	3.50	10.28	12.00	1 85	-----	Wheat bran, -----	1949
4.34	4.00	7.40	10.00	1 70	-----	Wheat bran, -----	2221
4.14	-----	9.58	-----	1 85	-----	Wheat bran, -----	1699
4.55	3.50	10.32	11.00	2 00	Wheat bran and not to exceed 8% wheat screenings.	As certified, -----	1982
5.71	4.50	8.93	9.00	1 70	-----	Wheat bran, -----	2278
4.27	-----	7.40	-----	40 00	-----	Wheat bran, -----	2435
4.03	-----	7.55	-----	1 90	-----	Wheat bran, -----	2440
4.46	-----	8.16	-----	1 90	-----	Wheat bran, -----	2436
4.27	3.00	9.19	10.00	1 85	-----	Wheat bran, -----	1817
4.29	-----	10.37	-----	1 90	-----	Wheat bran and small amount ground screenings.	1702
5.50	4.00	10.32	12.00	2 05	-----	Wheat bran with mill run ground screenings.	1768

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	B. A. ECKHART MILLING CO., CHICAGO, ILL.		%	%	%
2542	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run, -----	Dayton Milling Co., Dayton.	8.53	16.63	14.00
1853	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run, -----	R. C. Mounster, Charl- erol.	5.73	17.31	14.00
2400	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run, -----	Plymouth Mill & Grain Company, Plymouth.	8.83	16.63	14.00
2198	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run, -----	J. O. Reed, Phillipsburg,	9.21	16.06	14.00
1784	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run, -----	Schooley & Son, Luzerne	5.74	16.13	14.00
1976	Wheat Bran with Recleaned Wheat Screenings not exceeding Mill Run,	Thompson & Fordyce, Waynesburg.	6.44	17.06	14.00
	EMPIRE MILLING CO., MINNEAPOLIS, MINN.,				
2203	Pure Wheat Bran, -----	W. H. Densham, Morris- dale.	8.21	15.94	15.00
	EVERETT, AUGHENBAUGH & CO., WASECA, MINN.				
2593	E. A. CO. Pure Wheat Bran, -----	A. F. McClure, Big Run,	8.71	15.81	14.50
2111	E. A. CO. Pure Wheat Bran, -----	Edwin F. Stover, Perkasie.	6.89	17.19	14.50
	FEDERAL MILL & ELEVATOR COMPANY, LOCKPORT, N. Y.				
2602	Lucky Hard Wheat Bran with Ground Screenings not exceeding Mill Run, -----	H. L. Garrison & Brother, Berwick.	9.19	17.00	15.50
	FRANKLIN MILLING CO., MIDDLE- BURG, PA.				
2359	Wheat Bran, -----	Franklin Milling Co., Middleburg.	9.13	16.44	-----
	HANEY-FRAZIER MILLING & ELEVATOR CO., RIVERSIDE, PA.				
2386	Pure Wheat Bran, -----	Haney-Frazier Milling & Elevator Co., Riverside.	7.83	19.81	14.00
	HARRISONVILLE ROLLER MILL, HARRISONVILLE, PA.				
2439	Wheat Bran, -----	Harrisonville Roller Mill, Harrisonville	8.80	16.75	-----
	HECKER-JONES-JEWELL MILL- ING CO., NEW YORK, N. Y.				
2131	Choice Wheat Bran with Mill Run of Ground Screenings, -----	Lewis A. Brown, New Hope.	5.36	17.25	13.00
2417	Choice Wheat Bran with Mill Run of Ground Screenings, -----	Kline Flour Mills Co., Brookville.	7.89	14.69	12.75
	HEFTY MILLING CO., WATSON- TOWN, PA.				
1874	Wheat Bran, -----	Hefty Milling Co., Wat- sontown.	6.91	16.88	16.00
	THE HELLER MILLING CO., WAPWALLOPEN, PA.				
2032	Winter Wheat Bran, -----	The Heller Milling Co., Wapwallopen.	5.54	16.75	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.81	4.00	8.87	11.00	1 75	-----	Wheat bran with mill run ground screenings.	2542
5.34	4.00	7.95	11.00	2 00	-----	Wheat bran with mill run ground screenings.	1853
5.53	4.00	9.47	11.00	1 75	Wheat bran with re-cleaned ground wheat screenings not exceeding mill run.	As certified, -----	2400
5.25	4.00	9.81	11.00	2 25	-----	Wheat bran with mill run ground screenings.	2198
5.61	4.00	9.85	11.00	2 05	-----	Wheat bran with mill run ground screenings.	1784
5.39	4.00	9.78	11.00	2 00	-----	Wheat bran with mill run ground screenings.	1976
5.02	5.00	10.62	10.00	2 00	-----	Wheat bran, -----	2203
5.80	4.00	10.60	11.00	2 00	-----	Wheat bran, -----	2503
5.71	4.00	9.45	11.00	33 00	-----	Wheat bran, -----	2111
5.28	5.00	9.56	12.00	1 90	-----	Wheat bran with mill run ground screenings.	2602
4.80	-----	9.41	-----	1 80	-----	Wheat bran, -----	2359
6.91	5.00	8.13	12.00	1 90	-----	Wheat bran, -----	2386
4.00	-----	7.71	-----	1 90	-----	Wheat bran, -----	2439
5.96	3.50	9.90	14.00	1 90	Made from pure hard wheat.	Wheat bran with mill ground screenings.	2131
5.60	3.50	9.99	14.00	1 80	Made from wheat.	Wheat bran and small amount grain screenings.	2417
5.23	5.00	8.01	5.00	1 75	-----	Wheat bran, -----	1874
6.20	-----	9.00	-----	1 75	-----	Wheat bran, -----	2032

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1896	M. E. HERR, TURBOTVILLE, PA. Pure Wheat Bran, -----	M. E. HERR, Turbotville,	6.50	15.94	-----
2688	HUBBARD MILLING CO., MAN- KATO, MINN. Fancy Pure Wheat Bran, -----	C. F. Duncan & Son, New Florence.	8.79	16.00	15.50
2514	Fancy Pure Wheat Bran, -----	Harry M. Pollock Co., Kittanning.	9.72	16.13	15.50
1921	W. J. JENNISON CO., MINNEA- POLIS, MINN. Pure Wheat Bran, -----	Ebensburg Milling & Supply Co., Ebensburg.	7.76	17.06	14.50
1888	KELLEY BROTHERS, WASHING- TONVILLE, PA. Kelley's Pure Wheat Bran, -----	Kelley Brothers, Wash- ingtonville.	6.95	16.81	15.00
2535	THE WM. KELLY MILLING CO., HUTCHINSON, KANS. Wheat Bran and Screenings, -----	Ridgway Grist Mill, Ridg- way.	10.19	16.19	15.00
2639	KEYSTONE MILLS, HUGHES- VILLE, PA. Bran, -----	George Decker, Mont- gomery.	7.95	16.25	-----
1958	LANCASTER MILLING CO., LANCASTER, PA. Pure Wheat Bran, -----	Lancaster Milling Co., Lancaster.	6.61	17.63	15.00
1691	LINCOLN-BUFFALO FLOUR MILLS, INC., LEWISBURG, PA. Wheat Bran (May contain Mill Run of Screenings), -----	Lincoln-Buffalo Flour Mills, Inc., Lewisburg,	7.46	17.38	14.00
1857	Wheat Bran (May contain Mill Run Screenings), -----	George B. Phillips, Mil- ton,	6.48	17.50	14.00
2451	THE LOUDONVILLE MILLING CO., LOUDONVILLE, OHIO. LeGrande Pure Wheat Bran, -----	R. G. Dodd, Beaver Falls,	6.65	16.19	13.00
2019	LOUISVILLE MILLING CO., INC., LOUISVILLE, KY. Sonny South Pure Wheat Bran, ----	S. H. Pennypacker & Son, Kimberton.	7.21	17.25	14.50
2363	H. H. LYSINGER & SON, BED- FORD, PA. Pure Wheat Bran, -----	H. H. Lysinger & Son, Bedford.	10.05	16.10	-----
1996	MANHEIM MILLING CO., MAN- HEIM, PA. Pure Wheat Bran, -----	Manheim Milling Co., --- Manheim.	6.31	17.69	15.00
1678	MAPLE LEAF MILLING CO., LTD., TORONTO, CANADA. Wheat Bran, -----	Eulalia Milling Co., Coudersport.	6.22	17.06	15.00
1829	Wheat Bran, -----	Newgard & Tice, Ann- ville.	5.82	16.44	15.00
2646	MATHERS BROTHERS, GREEN- VILLE, PA. Wheat Bran, -----	Mathers Brothers, Green- ville.	9.89	15.88	15.00
1655	FRANK M. MAYER, BELLE- FONTE, PA. Pure Wheat Bran, -----	Frank M. Mayer, Belle- fonte.	7.17	16.75	14.50
1696	MAZEPPA MILLING COMPANY, LEWISBURG, PA. Wheat Bran, -----	Mazeppa Milling Com- pany, Lewisburg.	8.08	16.44	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.75	-----	8.64	-----	1 80	-----	Wheat bran and small amount grain screenings.	1896
5.54	4.50	10.26	12.00	2 00	-----	Wheat bran, -----	2688
5.80	4.50	10.38	12.00	1 90	-----	Wheat bran, -----	2514
5.68	4.50	9.37	11.50	2 00	-----	Wheat bran, -----	1921
3.83	3.00	7.98	7.00	2 00	-----	Wheat bran, -----	1888
4.77	3.50	9.25	11.00	2 25	Wheat bran and mill run wheat screenings.	As certified, -----	2585
4.42	-----	9.52	-----	58 00	-----	Wheat bran and small amount ground screenings.	2639
5.82	4.00	8.72	8.91	1 90	-----	Wheat bran, -----	1938
4.52	4.00	7.97	11.00	1 80	-----	Wheat bran, -----	1691
6.00	4.00	9.38	11.00	2 00	-----	Wheat bran, -----	1857
4.61	4.00	9.65	12.00	40 00	Pure wheat bran, -----	As certified -----	2451
4.85	4.00	10.35	8.75	1 90	-----	Wheat bran, -----	2019
4 42	-----	9.81	-----	2 00	-----	Wheat bran, -----	2363
4.84	4.25	9.14	9.79	1 80	-----	Wheat bran, -----	1996
6.75	4.00	8.98	11.50	1 80	-----	Wheat bran, -----	1678
6.43	4.00	10.35	11.50	1 85	-----	Wheat bran, -----	1829
5.33	4.00	8.90	10.00	1 70	-----	Wheat bran, -----	2646
3.50	3.50	8.72	12.00	1 75	-----	Wheat bran, -----	1655
4.00	-----	8.91	-----	1 85	-----	Wheat bran, -----	1696



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE MENNEL MILLING CO., TOLEDO, OHIO.		%	%	%
2528	Mennel's Fancy Bran, -----	Leonard Ritter, St. Marys.	9.65	15.00	15.00
1743	IRVIN E. MILLER, ABBOTTS-TOWN, PA.	Irvin E. Miller, Abbottstown.	8.46	15.44	-----
1718	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.	Miner-Hillard Milling Co., Wilkes-Barre.	6.27	16.13	13.00
1689	MINNEAPOLIS MILLING COMPANY, MINNEAPOLIS, MINN.	Buffalo Flour Mills, Lewisburg.	5.68	15.25	15.00
2110	THE NATIONAL MILLING CO., TOLEDO, OHIO.	Edwin F. Stover, Perkasie.	7.26	17.94	14.00
2283	NEW ULM ROLLER MILL CO., NEW ULM, MINN.	John O. Crisman, Berwick.	9.00	16.56	15.00
2046	NIAGARA FALLS MILLING CO., NIAGARA FALLS, N. Y.	Metzger-Wright Co., Sheffield.	8.25	16.81	15.00
1757	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.	Greencastle Milling Co., Greencastle.	6.27	17.00	13.00
1830	Pure Wheat Bran, (No screenings, no scourings).	Newgard & Tice, Annville.	4.40	15.63	13.00
1926	THE OGILVIE FLOUR MILLS, LTD., WINNIPEG, CANADA.	Ralph W. Snavelly, Christiana.	6.65	16.19	14.00
2028	JAMES L. PENNOCK & CO., AVONDALE, PA.	James L. Pennock & Co., Avondale.	7.32	15.76	-----
1670	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.	Emporium Milling Co., Emporium.	6.91	15.13	14.00
2334	Pillsbury's Hard Wheat Bran and Screenings.	Star Milling Co., Starford.	9.64	15.94	14.00
2160	Pillsbury's Hard Wheat Bran and Screenings.	Washington Grain & Feed Co., Washington.	6.28	16.19	14.00
2020	PH. H. POSTEL MILLING CO., MASCOUTAH, ILL.	S. H. Pennypacker & Son, Kimberton.	7.07	17.88	15.00
2421	GEORGE L. REED MILLING CO., BROOKVILLE, PA.	George L. Reed, Milling Co., Brookville.	8.29	16.56	-----
2571	RED STAR MILLING CO., WICHITA, KANSAS.	Klepser Brothers, Altoona.	7.47	16.25	15.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.87	4.00	9.95	9.50	1 90	-----	Wheat bran, -----	2528
3.47	-----	5.12	-----	2 00	-----	Wheat bran, -----	1743
5.10	4.00	7.83	10.00	2 00	-----	Wheat bran with mill run ground screenings.	1718
5.64	5.00	10.61	10.70	1 70	-----	Wheat bran, -----	1689
4.67	3.00	9.45	10.00	40 00	-----	Wheat bran, -----	2110
5.65	5.00	9.50	10 50	1 70	-----	Wheat bran, -----	2283
5.67	3.50	9.55	11.00	2 06	-----	Wheat bran, -----	2046
6.09	4.00	9.54	13.00	2 00	-----	Wheat bran, -----	1757
6.00	4.00	10.23	13.00	1 85	-----	Wheat bran, -----	1830
6.19	3.00	10.26	10.00	1 85	-----	Wheat bran, -----	1926
4.52	-----	7.57	-----	1 90	-----	Wheat bran, -----	2028
6.24	4.00	10.66	12.00	2 20	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified, -----	1670
5.54	4.00	10.58	12.00	2 00	Hard wheat bran and ground cleaned wheat screenings.	As certified, -----	2334
5.81	4.00	11.26	12.00	1 95	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified, -----	2160
4.35	3.75	8.91	10.00	1 90	Manufactured from soft red, winter wheat.	Wheat bran, -----	2020
4.71	-----	10.24	-----	1 80	-----	Wheat bran, -----	2421
4.45	3.75	10.21	10.00	50 00	Wheat bran and wheat screenings not to exceed 5% screenings.	As certified, -----	2571

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2507	RED WING MILLING CO., RED WING, MINN. Red Wing Special Wheat Bran with Ground Wheat Screenings not exceeding Mill Run.	Pollock Flour & Feed Co., Ford City.	10.01	15.63	13.50
	ROBIN HOOD MILLS, LTD., MOOSE JAW AND CALGARY, CANADA.				
2093	Blackhawk Pure Wheat Bran, -----	C. C. Hipple & Son, West Chester.	7.06	16.25	15.00
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
2157	Hard Wheat Occident Bran, -----	McCullum Company, Washington.	7.04	17.75	14.50
1981	Hard Wheat Occident Bran, -----	Waynesburg Milling Co., Waynesburg.	5.31	17.94	14.50
2630	Hard Wheat Occident Bran, -----	E. E. Wentz, Lock Haven.	8.75	15.81	14.50
	ST. PAUL MILLING CO., ST. PAUL, MINN.				
1935	Komo Pure Wheat Bran, -----	Ralph W. Snavely, Christiana.	6.02	17.63	14.00
	JOHN SCHAEFFER, CHAMBERSBURG, PA.				
1760	Wheat Bran, -----	John Schaeffer, Chambersburg.	6.87	17.19	-----
	SOUTHWESTERN MILLING CO., INC., KANSAS CITY, MO.				
2361	Red Turkey Pure Wheat Bran, ----	Franklin Milling Co., Middleburg.	9.28	16.88	14.00
2483	Red Turkey Pure Wheat Bran, ----	J. Harvey Miller, Ligonier.	8.14	16.63	14.50
2114	Red Turkey Pure Wheat Bran, -----	Edwin F. Stover, Perkasie.	7.39	17.50	14.50
	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA.				
2408	Pure Wheat Bran, -----	Spagnogle-Yeager Milling Co., Lewistown.	10.41	15.50	15.00
	STOKES MILLING CO., WATERTOWN, S. DAK.				
2429	Wheat Bran with Ground Screenings not exceeding Mill Run.	Carmichaels Milling Co., Carmichaels.	8.73	15.50	14.10
	DAVID STOTT FLOUR MILLS, INC., DETROIT, MICH.				
1991	Spring Wheat Bran and Wheat Screenings.	Grover C. Hughes, Waynesburg.	7.40	16.56	14.60
	TENNANT & HOYT COMPANY, LAKE CITY, MINN.				
2347	Pure Bran, -----	John E. Ross, Etna.	8.62	16.13	14.00
2511	Wheat Bran with Ground Screenings not exceeding Mill Run.	J. A. Gault Co., Kittinging.	10.48	15.31	15.00
	E. S. THOMAS, HOLSOPPLE, PA.				
2682	Wheat Bran, -----	E. S. Thomas, Holsopple.	9.32	16.06	-----
	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
2431	Camp's Winter Wheat Bran, -----	J. Harvey Miller, Ligonier.	7.54	17.38	15.00
	ULSH & BOSHOAR, BELLEFONTE, PA.				
1652	Wheat Bran, -----	Ulsh & Boshoar, Bellefonte.	7.59	16.69	-----
	WABASHA ROLLER MILL CO., WABASHA, MINN.				
2023	Big Jo Pure Wheat Bran, -----	M. E. Noecker & Co., Kimberton.	5.95	16.00	13.20

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.75	4.10	10.16	12.50	1 90	-----	Wheat bran and mill run ground screenings.	2507
6.38	3.50	10.35	11.50	38 00	-----	Wheat bran, -----	2093
6.14	4.00	10.22	11.00	1 80	-----	Wheat bran, -----	2157
6.26	4.00	9.67	11.50	2 00	-----	Wheat bran, -----	1981
6.69	4.00	9.42	11.50	40 00	-----	Wheat bran, -----	2630
5.66	4.00	9.62	12.00	1 85	-----	Wheat bran, -----	1935
5.07	-----	9.75	-----	1 85	-----	Wheat bran, -----	1760
4.80	4.00	10.14	11.00	1 80	-----	Wheat bran, -----	2361
4.72	4.00	10.11	11.80	1 85	-----	Wheat bran, -----	2483
6.04	4.00	10.36	11.80	40 00	-----	Wheat bran, -----	2114
4.17	4.00	9.57	10.00	2 00	-----	Wheat bran, -----	2408
5.25	4.50	9.89	12.30	29 00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	2429
5.46	4.00	9.72	12.50	2 00	Wheat bran with ground cleaned wheat screenings.	As certified, -----	1991
5.54	4.00	8.64	11.00	37 00	-----	Wheat bran, -----	2347
5.01	4.00	9.58	11.00	1 80	-----	Wheat bran with mill run ground screenings.	2511
4.78	-----	8.14	-----	40 00	-----	Wheat bran, -----	2632
4.39	4.00	9.62	10.00	2 00	Manufactured from soft winter wheat.	Wheat bran, -----	2481
4.10	-----	9.07	-----	1 75	-----	Wheat bran, -----	1652
6.05	3.70	10.57	13.00	1 90	-----	Wheat bran, -----	2023

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.		%	%	%
2263	Gold Medal Hard Wheat Bran and Wheat Screenings.	Rossmoyne Flouring Mills, Smicksburg.	7.21	15.19	14.00
2377	Gold Medal Hard Wheat Bran and Wheat Screenings.	Smith Brothers, Inc., Bradford.	10.94	15.88	14.00
	WAYNESBURG MILLING CO., WAYNESBURG, PA.,				
1986	Wheat Bran, -----	Waynesburg Milling Co.,	7.52	17.13	-----
	A. W. WEST ESTATE, UPPER STRASBURG, PA.				
1762	Wheat Bran, -----	A. W. West Estate, Upper Strasburg.	6.03	16.56	-----
	WESTERN CANADA FLOUR MILLS CO., LTD., CALGARY, CANADA.				
1787	Pioneer Pure Wheat Bran, -----	C. P. Matthews & Sons, Inc., Luzerne.	4.99	16.69	15.00
	THE WHITE MILLING CO., BLOOMSBURG, PA.				
2558	Pure Wheat Bran, -----	The White Milling Co., Bloomsburg.	8.74	15.25	-----
	C. H. WITMER, LEWISBURG, PA.				
1693	Wheat Bran, -----	C. H. Witmer, Lewisburg.	9.00	16.13	-----
	L. E. YAGEL, MILLMONT, PA.				
1731	Wheat Bran, -----	L. E. Yagel, Millmont,	7.32	17.63	-----
	YARDLEY MILLS CO., INC., YARDLEY, PA.				
2133	Pure Wheat Bran, -----	Yardley Mills Co., Inc., Yardley.	6.22	17.38	-----
	MIXED FEED. WHEAT BY-PRODUCTS. (With and without grain screenings)	Average, -----	7.78	16.49	-----
	CAPITAL CITY MILLING & GRAIN COMPANY, ST. PAUL, MINN.				
2155	St. Paul Queen Fine Ground Wheat Mixed Feed with Screenings not exceeding Mill Run.	McCollum Company, Washington.	9.61	16.25	15.70
	THE WM. KELLY MILLING CO., HUTCHINSON, KANS.				
2536	Wheat Mixed Feed and Screenings, --	Ridgway Grist Mill, Ridgway.	9.38	17.81	16.00
	THE QUAKER OATS CO., CHICAGO, ILL.				
2544	Buckeye Feed, -----	Dayton Milling Co., Dayton.	9.47	16.88	15.50
2650	Buckeye Feed, -----	J. M. Hoagland, Sharon.	9.28	18.25	16.50
2424	Buckeye Feed, -----	Victor Milling Co., Pt. Marion.	8.75	17.13	15.50
	C. A. WHITEHILL, SHIPPENS- VILLE, PA.				
2498	Pure Wheat Bran, -----	C. A. Whitehill, Shippen- pen-ville.	9.63	16.88	14.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.55	4.00	9.70	12.00	2 00	Wheat bran and mill run cleaned ground wheat screenings.	As certified, -----	2263
5.55	4.00	9.75	12.00	-----	Wheat bran and mill run cleaned ground wheat screenings.	As certified, -----	2377
5.10	-----	8.81	-----	2 00	-----	Wheat bran, -----	1986
4.15	-----	9.02	-----	2 00	-----	Wheat bran, -----	1762
6.40	3.50	10.49	11.50	2 05	-----	Wheat bran, -----	1787
4.74	-----	8.74	-----	1 80	-----	Wheat bran, -----	2558
3.70	-----	8.40	-----	1 75	-----	Wheat bran, -----	1693
4.11	-----	8.90	-----	2 20	-----	Wheat bran, -----	1731
4.25	-----	8.27	-----	2 00	-----	Wheat bran, -----	2133
5.10	-----	9.38	-----	\$38 49	-----	-----	-----
5.28	4.60	7.32	8.30	2 00	-----	Wheat bran and wheat middlings with mill run ground screenings.	2155
4.71	4.00	7.55	8.50	2 35	Wheat bran, wheat gray shorts and not to exceed mill run wheat screenings.	As certified, -----	2536
6.29	4.50	9.10	11.00	2 00	Wheat bran and wheat middlings with ground wheat screenings not exceeding mill run.	As certified, -----	2544
4.76	4.50	7.66	11.00	1 90	Made from wheat bran and wheat middlings with ground wheat screenings not exceeding mill run.	As certified, -----	2650
4.80	4.50	8.40	11.00	26 50	Wheat bran and wheat middlings with ground wheat screenings not exceeding mill run.	As certified, -----	2424
4.46	4.00	6.80	6.50	2 00	-----	Wheat bran and wheat middlings.	2498

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2064	THE WILLIAMS BROTHERS CO., KENT, OHIO. Kent Mixed Feed, -----	Spring Creek Milling Co., Spring Creek. Average, -----	8.76 9.26	16.88 17.15	16.00 -----
	WHEAT MIDDINGS. (With and without ground grain screenings)				
2672	WHEAT STANDARD MIDDINGS. BAY STATE MILLING CO., WINONA, MINN. Wingold Standard Hard Wheat Middlings and Wheat Screenings.	Hetrick, Wilson & Co., Indiana.	9.00	17.56	17.60
2158	Wingold Standard Hard Wheat Middlings and Wheat Screenings.	Washington Grain and Feed Co., Washington.	9.12	17.50	17.50
2546	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN. Big Diamond Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	R. C. Wilson, Dayton,	10.20	16.25	15.50
1709	COMMANDER MILL CO., MINNEAPOLIS, MINN. Commander Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Seureman Milling Co., Wilkes-Barre.	10.92	17.50	15.50
2207	Commander Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	W. H. Densham, Morrisdale.	10.53	15.56	15.50
1922	Commander Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Ebensburg Milling & Supply Co., Ebensburg.	10.54	15.81	15.50
1782	B. A. ECKHART MILLING COMPANY, CHICAGO, ILL. Standard Wheat Middlings with Ground Recleaned Wheat Screenings not exceeding Mill Run.	Schooley & Son, Luzerne.	9.29	16.56	15.00
1852	THE FAIRCHILD MILLING CO., CLEVELAND, OHIO. Standard Middlings,	R. C. Mountser, Charleroi.	9.43	18.44	13.00
2603	FEDERAL MILL & ELEVATOR CO. LOCKPORT, N. Y. Lucky Hard Wheat Middlings with Ground Screenings not exceeding Mill Run.	H. L. Garrison & Brother, Berwick.	9.99	17.81	17.00
2132	HECKER-JONES-JEWELL MILLING CO., NEW YORK, N. Y. H. Wheat Middlings with Mill Run of Ground Screenings.	Lewis A. Brown, New Hope.	9.85	17.19	14.00
2513	HUBBARD MILLING CO., MANKATO, MINN. Standard Wheat Fine Middlings with Ground Screenings not exceeding Mill Run.	Harry M. Pollock Co., Kittanning.	10.57	17.13	15.50
2575	H. H. KING FLOUR MILLS COMPANY, MINNEAPOLIS, MINN. Fairy Bow Wheat Standard Middlings and Pulverized Wheat Screenings.	The Kline Grain Company, Shelocta.	9.02	15.56	15.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.30	3.50	6.17	10.00	2 00	Pure wheat bran and middlings.	Wheat Bran, Wheat middlings and ground screenings.	2064
5.09	-----	7.57	-----	\$38 79			
5.72	5.40	7.16	9.30	2 10	Standard hard wheat middlings and wheat screenings.	As certified, -----	2672
5.92	5.10	8.22	8.20	2 20	Standard hard wheat middlings and wheat screenings.	As certified, -----	2158
5.51	5.00	9.40	9.00	2 00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	2546
5.43	5.00	7.25	8.00	2 00	Wheat flour middlings with ground screenings not exceeding mill run.	Wheat standard middlings with mill run ground screenings.	1709
5.95	5.00	9.64	9.00	2 00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	2207
5.15	5.00	9.69	9.00	2 00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	1922
4.82	4.00	6.98	7.00	2 05	Standard wheat middlings with ground re-cleaned wheat screenings not exceeding mill run.	As certified, -----	1782
5.76	4.00	7.89	9.00	2 00	Made from wheat with ground screenings not exceeding mill run.	Wheat standard middlings with mill run ground screenings.	1852
5.87	5.00	7.49	7.00	2 10	Hard wheat middlings with ground screenings not exceeding mill run.	Wheat standard middlings with mill run ground screenings.	2603
5.62	5.00	7.76	9.50	2 00	Made from pure hard wheat.	Wheat standard middlings with mill run ground screenings.	2132
5.75	5.30	9.11	9.50	2 00	Standard wheat fine middlings with ground screenings not exceeding mill run.	Wheat standard middlings.	2513
5.43	5.00	9.86	9.50	1 90	Wheat standard middlings and pulverized wheat screenings.	As certified, -----	2575

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	MAPLE LEAF MILLING CO., TORONTO, CANADA.		%	%	%
2657	Rex Wheat Shorts, -----	The Hex Milling Co., Shamokin.	10.74	17.38	16.00
2262	Rex Wheat Shorts with Screenings not exceeding Mill Run.	Rossmoyne Flouring Mills Sinicksburg.	9.27	16.50	16.00
	SHEFFIELD-KING MILLING CO., MINNEAPOLIS, MINN.				
008	Fairybow Wheat Standard Middlings and Pulverized Wheat Screenings.	Fisher & Nolan, West Chester.	10.23	17.25	15.50
1915	Fairybow Wheat Standard Middlings and Pulverized Wheat Screenings.	S. C. S. Wholesale Co., Barnesboro.	10.41	16.19	15.50
	SPRINGFIELD MILLING CO., SPRINGFIELD, MINN.				
2329	Wheat Standard Middlings, -----	Thomas K. George, Homer City.	10.88	20.19	17.00
	TENNANT & HOYT CO., LAKE CITY, MINN.				
1836	Golden Leaf Wheat Standard Mid- dlings with Ground Screenings not exceeding Mill Run.	A. H. Klugh, New Ken- sington.	9.08	17.50	16.00
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
2589	Camp's Standard Wheat Middlings,	A. F. McClure, Big Run	9.99	17.75	15.50
1914	Camp's Standard Wheat Middlings,	S. C. S. Wholesale Co., Barnesboro.	10.26	17.38	15.50
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
1669	Gold Medal Hard Wheat Standard Middlings and wheat Screenings.	Emperium Milling Com- pany, Emporium.	10.37	16.50	15.00
	Average, -----		9.98	17.12	-----
	WHEAT FLOUR MIDDINGS. AMENDT MILLING COMPANY, MONROE, MICH.				
1977	*Middlings Pure Amco Wheat Feed,	Thompson & Fordyce, Waynesburg.	9.30	17.69	17.00
	WILLIAM B. BARNITZ, BARNITZ, PA.				
1738	Wheat Middlings, -----	J. C. Stover, Mt. Holly Springs.	8.80	18.94	-----
	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN.				
2570	Big Diamond Wheat Flour Middlings	Klepser Brothers, Altoona	8.87	18.44	16.50
2666	Big Diamond Wheat Flour Middlings with Ground Screenings not ex- ceeding Mill Run.	Shamokin Milling Co., Shamokin.	10.56	17.81	16.50
	CLINTONDALE MILLING CO., INC., CLINTONDALE, PA.				
1662	Pure Wheat Middlings, -----	Clintondale Milling Co., Inc., Clintondale.	9.91	16.44	-----
	CROOKSTON MILLING CO., CROOKSTON, MINN.				
1944	Fine Middlings with Ground Screen- ings not exceeding Mill Run.	Quarryville Farmers' Asso- ciation, Quarryville.	9.79	17.38	15.00
	JOHN B. CURRY'S SONS. PALMYRA, PA.				
1818	Wheat Middlings with Ground Screen- ings not exceeding Mill Run.	John B. Curry's Sons, Palmyra.	10.83	17.50	15.00

\*Not registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.30	5.00	7.77	8.00	2 00	-----	Wheat standard middlings.	2657
5.89	5.00	7.66	9.50	2 00	Wheat shorts with screenings not exceeding mill run.	Wheat standard middlings with mill run ground screenings.	2262
6.16	5.00	7.74	9.50	2 05	Wheat standard middlings and pulverized wheat screenings.	As certified, -----	2008
5.81	5.00	7.94	9.50	2 25	Wheat standard middlings and pulverized wheat screenings.	As certified, -----	1915
6.70	5.20	7.20	9.00	1 75	Wheat standard middlings.	As certified, -----	2329
5.70	5.00	8.10	8.00	2 25	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	1836
5.36	5.00	6.61	5.00	2 00	Standard wheat middlings.	As certified, -----	2589
5.01	6.00	7.08	5.00	2.45	Standard wheat middlings.	As certified, -----	1914
5.40	4.00	8.54	9.50	2 20	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	As certified, -----	1669
5.63	-----	8.05	-----	\$2 06			
5.15	5.00	6.85	8.00	2 25	-----	Wheat flour middlings	1977
5.17	-----	5.99	-----	2 10	-----	Wheat flour middlings	1738
5.09	5.00	5.02	6.00	55 00	Wheat flour middlings.	As certified, -----	2570
5.46	5.00	5.50	6.00	2 35	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	2666
4.05	-----	5.98	-----	1 90	-----	Wheat flour middlings	1662
5.69	5.00	6.80	9.00	2 10	Fine middlings with ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	1944
4.35	3.00	5.37	6.00	2 00	Wheat middlings with ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	1818



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	D. W. DIETRICH & CO., PHILADELPHIA, PA.		%	%	%
2272	Wheat Flour Middlings with Mill Run of Screenings.	Danville Milling Co., Danville.	10.42	15.38	15.00
	EAGLE ROLLER MILL COMPANY, NEW ULM, MINN.				
1767	Eagle Roller Mill Co.'s Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Wilkes-Barre Milling Company, Wilkes-Barre.	10.44	17.13	16.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
1993	Eshelman's Wheat Flour Middlings with Screenings not exceeding Mill Run.	Brown & Rea, Atglen, ---	10.46	16.63	16.00
	HEFTY MILLING CO., WATSON-TOWN, PA.				
1873	Wheat Middlings, -----	Hefty Milling Co., Watsontown.	9.91	17.13	16.00
	KING MIDAS MILLING CO., MINNEAPOLIS, MINN.				
1815	Snowball Wheat Flour Middlings and Ground Wheat Screenings.	John G. Early and John A. Detweiler, Palmyra.	10.65	16.56	16.00
2442	Snowball Wheat Flour Middlings and Ground Wheat Screenings.	Excelsior Flour & Feed Co., Freedom.	7.00	17.13	16.00
2595	Snowball Wheat Flour Middlings and Ground Wheat Screenings.	Keystone Flour & Feed Co., Punxsutawney.	10.66	17.19	16.00
2596	Wheat Standard Middlings and Ground Wheat Screenings.	Keystone Flour & Feed Co., Punxsutawney.	10.92	18.38	15.00
	LAWRENCEBURG ROLLER MILL CO., LAWRENCEBURG, IND.				
2094	Snowflake Middlings and Ground Screenings.	O. C. Hipple & Son, West Chester.	10.26	18.13	16.50
	MAPLE LEAF MILLING COMPANY, TORONTO, CANADA.				
1735	Rex Wheat Shorts, -----	J. E. Shughart, Carlisle,	10.48	17.38	16.00
	MINNEAPOLIS MILLING CO., MINNEAPOLIS, MINN.				
1831	Golden Pure Durum Wheat Flour Middlings.	Newgard & Tice, Annville,	10.78	16.56	16.00
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
2317	Pillsbury's Hard Wheat Standard B. Middlings and Screenings.	The S. K. Barber Co., Pittston.	9.50	15.69	15.00
	ROBIN HOOD MILLS, LTD., MOOSE JAW AND CALGARY, CANADA.				
2195	Blackhawk Wheat Shorts with Ground Screenings not exceeding Mill Run.	James Fowler & Sons, Wyoming.	11.27	17.50	17.00
2201	Blackhawk Wheat Shorts with Ground Screenings not exceeding mill run.	Winburne Milling Co., Winburne.	12.49	17.66	17.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.00	4.00	3.86	6.00	2 00	Wheat flour middlings with mill run of screenings.	As certified, -----	2272
5.04	5.00	5.22	6.00	2 40	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	1767
4.73	4.00	5.75	6.00	2 10	Wheat flour middlings with screenings not exceeding mill run.	As certified, -----	1993
5.01	5.00	3.48	5.00	1 90	-----	Wheat flour middlings,	1873
5.12	4.00	5.43	6.00	2 00	Wheat. Standard Middlings and ground cleaned wheat screenings not exceeding mill run and red dog wheat flour.	Wheat flour middlings with mill run ground screenings.	1815
4.80	4.00	6.27	6.00	40 00	Wheat standard middlings and ground cleaned wheat screenings not exceeding mill run and red dog wheat flour.	Wheat flour middlings with mill run ground screenings.	2442
5.74	4.00	7.09	6.00	2 40	Wheat standard middlings and ground cleaned wheat screenings not exceeding mill run and red dog wheat flour.	Wheat flour middlings with mill run ground screenings.	2595
5.11	4.00	5.96	9.50	2 25	Wheat standard middlings and ground cleaned wheat screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	2596
5.13	4.50	5.75	7.50	45 00	Pure wheat product containing ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	2094
6.36	5.00	6.50	8 00	2 00	-----	Wheat flour middlings,	1735
5.55	5.50	4.39	6.00	2 00	Wheat flour middlings.	As certified, -----	1831
4.83	4.00	5.92	9.50	29 00	Hard wheat standard middlings and ground cleaned wheat screenings not exceeding mill run.	Wheat flour middlings and mill run ground screenings.	2317
5.65	4.50	6.24	9.50	1 90	Wheat shorts with ground screenings not exceeding mill run.	Wheat flour middlings and mill run ground screenings.	2195
5.49	4.50	6.60	9.50	2 00	Wheat shorts with ground screenings not exceeding mill run.	Wheat flour middlings and mill run ground screenings.	2201

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1908	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Alta Hard Wheat Middlings, -----	B. S. Stauffer & Co., Lawn.	10.98	17.44	15.50
2631	Atlas Hard Wheat Middlings, ----- JOHN SCHAEFFER, CHAMBERS- BURG, PA.	E. E. Wentz, Lock Haven.	10.42	16.88	15.50
1761	Wheat Middlings, ----- THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.	John Schaeffer, Chambers- burg.	10.77	18.06	-----
2072	Camp's Standard Wheat Middlings, WASHEURN-CROSBY CO., MINNEAPOLIS, MINN.	Bowman Milling Co., East Hickory.	9.94	18.69	15.50
2460	Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.	J. B. Anderson's Sons, Shiekshinny.	9.36	17.50	15.00
		Average, -----	10.18	17.35	-----
2651	BROWN SHORTS. THE BUCKEYE CEREAL COM- PANY, MASSILON, OHIO. Brown Middlings, -----	Peter Shaffer & Sons, New Brighton.	10.89	17.06	15.00
2246	THE NORTHWESTERN CONSOLI- DATED MILLING CO., MINNE- APOLIS, MINN. Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Speacht Brothers, Potts- ville.	10.39	17.88	15.00
2694	STOKES MILLING CO., WATER- TOWN, S. DAK. Standard Shorts with Ground Screen- ings not exceeding Mill Run.	Griffith Ellis, Indiana, --	11.73	17.19	16.10
2267	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN. Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.	Rossmoyne Flouring Mills, Smicksburg.	7.16	17.00	15.00
		Average, -----	10.04	17.28	-----
2599	GRAY SHORTS. ACME-EVANS COMPANY, INDIA- NAPOLIS, IND. Acme Middlings, -----	J. E. Good, Friedens, --	10.63	16.13	16.50
2625	CLINTONDALE MILLING CO., INC., CLINTONDALE, PA. Pure Wheat Middlings, -----	H. Meyers' Sons, Mill Hall	11.35	16.50	16.00
1938	COLUMBIA MILLING CO., CO- LUMBIA, PA. Winter Wheat Middlings, -----	Joseph C. Walker & Sons Co., Gap.	10.22	18.38	14.00
2222	COMMUNITY FLOURING MILLS, BERWICK, PA. Pure Wheat Middlings, -----	Community Flouring Mills, Berwick.	10.56	16.81	16.00
1983	THE CONSOLIDATED FLOUR MILLS CO., HUTCHIN- SON, KANSAS. Wheat Gray Shorts and screenings,	Waynesburg Milling Co., Waynesburg.	9.76	18.75	16.50
2279	JOHN C. CRISMAN, BERWICK, PA. Pure Wheat Middlings, -----	John C. Crisman, Ber- wick.	10.51	14.69	14.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.87	4.50	5.98	8.50	1 85	Mill run of standard middlings and flour middlings mixed.	Wheat flour middlings.	1908
6.14	4.50	6.96	8.50	40 00	-----	Wheat flour middlings.	2631
5.30	-----	6.11	-----	1 85	-----	Wheat flour middlings.	1761
5.50	6.00	7.08	5.00	2 35	Standard wheat middlings.	Wheat flour middlings.	2072
4.89	4.00	6.94	9.50	2 05	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	Wheat flour middlings with mill run ground screenings.	2460
5.20	-----	5.88	-----	41 69			
5.14	4.50	6.71	7.40	2 00	Brown middlings.	Wheat brown shorts,	2651
5.95	4.00	6.22	6.00	2 35	Wheat flour middlings with ground screenings not exceeding mill run.	Wheat brown shorts with mill run ground screenings.	2246
5.45	4.90	6.45	7.10	2 00	Standard shorts with ground screenings not exceeding mill run.	Wheat brown shorts with mill run ground screenings.	2694
5.54	4.00	6.58	9.50	2 00	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	Wheat brown shorts,	2261
5.52	-----	6.49	-----	2 09			
4.12	4.50	5.06	8.00	43 00	Wheat middlings and not exceeding mill run of ground cleaned wheat screenings.	Wheat gray shorts, --	2599
4.71	4.00	4.89	6.00	54 00	Wheat middlings.	Wheat gray shorts, --	2625
4.70	4.00	4.64	5.00	2 00	Wheat middlings, -----	Wheat gray shorts, .	1928
5.09	4.00	5.32	6.00	1 80	Wheat middlings, -----	Wheat gray shorts, --	2222
5.56	3.50	6.46	5.50	2 00	Wheat shorts and not to exceed 8% wheat screenings.	Wheat gray shorts with mill run ground screenings.	1987
5.14	4.00	5.05	5.00	1 80	Wheat middlings, -----	Wheat gray shorts.	2270

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1703	W. E. CUSTER, MILTON, PA. Wheat Middlings, -----	W. E. Custer, Milton,	11.45	15.63	-----
2360	FRANKLIN MILLING CO., MIDDLE- BURG, PA. Wheat Middlings, -----	Franklin Milling Co., Middleburg.	11.00	16.94	-----
1752	HAMILTON MILLING COMPANY, CHAMBERSBURG, PA. Wheat Middlings, -----	Hamilton Milling Com- pany, Chambersburg.	9.82	16.75	-----
2387	HANEY-FRAZIER MILLING & ELEVATOR COMPANY, RIVER- SIDE, PA. Pure Wheat Middlings, -----	Haney-Frazier Milling & Elevator Co., Riverside.	10.17	15.50	15.00
1959	LANCASTER MILLING CO., LAN- CASTER, PA. Pure Wheat Shorts, -----	Lancaster Milling Co., Lancaster.	8.12	18.00	17.00
1854	LINCOLN-BUFFALO FLOUR MILLS, LEWISBURG, PA. Wheat Flour Middlings, (Contain Mill Run Screenings).	George B. Phillips, Mil- ton.	10.58	16.38	15.00
2364	H. H. LYSINGER & SON, BED- FORD, PA. Wheat Middlings, -----	H. H. Lysinger & Son, Bedford.	11.89	17.63	-----
1998	MANHEIM MILLING COMPANY, MANHEIM, PA. Pure Wheat Shorts, -----	S. D. Rohrbaugh, Man- heim.	9.92	17.25	16.00
1697	MAZEPPA MILLING CO., LEWIS- BURG, PA. Wheat Middlings, -----	Mazeppa Milling Co., Lewisburg,	10.11	18.00	-----
2531	THE MENNEL MILLING CO., TOLEDO, O. Mennel's Middlings, -----	Leonard Ritter, St. Marys.	10.91	16.88	15.00
2455	MOSELEY & MOTLEY MILLING CO., ROCHESTER, N. Y. Wheat Middlings with Ground Screen- ings.	M. Hunter, Ashland, ---	6.87	17.00	15.00
2217	THE NATIONAL MILLING CO., TOLEDO, OHIO. Wheat Middlings with Ground Screen- ings not exceeding Mill Run.	Briar Creek Mills, Briar Creek.	9.91	18.19	17.00
2027	JAMES L. PENNOCK & COMPANY, AVONDALE, PA. Pure Soft Winter Wheat Middlings,	James L. Pennock & Company, Avondale.	8.54	16.31	14.00
1690	PHOENIX FLOUR MILLS, DAVEN- PORT, IOWA. Wheat Flour Middlings with Mill Run of Screenings.	Buffalo Flour Mills, Lewisburg.	10.81	16.44	15.00
2409	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA. Wheat Middlings, -----	Spanogle-Yeager Milling Co., Lewistown.	10.00	17.75	16.00
2683	E. S. THOMAS, HOLSOPPLE, PA. Wheat Middlings, -----	E. S. Thomas, Hol- sopple.	11.80	17.56	-----



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.20	-----	5.27	-----	2 00	Wheat middlings, -----	Wheat gray shorts, --	1703
4.76	-----	4.81	-----	1 90	Wheat middlings, -----	Wheat gray shorts, --	2360
4.12	-----	4.92	-----	1 90	Wheat middlings, -----	Wheat gray shorts, --	1752
4.29	4.00	5.26	8.00	1 90	Wheat middlings, -----	Wheat gray shorts, --	2587
5.68	4.00	5.51	6.87	1 95	Wheat shorts, -----	Wheat gray shorts, --	1959
4.32	4.00	4.75	8.50	2 00	Wheat flour middlings (contain mill run screenings).	Wheat gray shorts with mill run ground screenings.	1854
4.28	-----	5.17	-----	2 25	Wheat middlings, -----	Wheat gray shorts, --	2364
5.31	5.00	5.02	6.92	1 90	Wheat shorts, -----	Wheat gray shorts, --	1998
4.98	-----	5.48	-----	1 95	Wheat middlings, -----	Wheat gray shorts, --	1697
4.45	4.00	5.50	6.50	2 50	Winter wheat feed with ground screenings not exceeding mill run. Manufactured from soft winter wheat.	Wheat gray shorts, --	2531
5.16	4.50	5.25	9.00	2 00	Wheat middlings with ground screenings.	Wheat gray shorts, --	2455
4.55	3.50	5.37	9.00	2 00	Wheat middlings with ground screenings not exceeding mill run.	Wheat gray shorts with mill run ground screenings.	2217
5.22	4.00	5.69	8.00	2 10	Wheat middlings, -----	Wheat gray shorts, --	2027
4.50	4.50	4.98	8.50	-----	Wheat flour middlings with mill run of screenings.	Wheat gray shorts with mill run ground screenings.	1690
4.30	4.00	5.49	6.00	2 10	Wheat middlings, -----	Wheat gray shorts, --	2400
4.99	-----	4.65	-----	48 00	Wheat middlings, -----	Wheat gray shorts, --	2683

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	ULSH & BOSHOAR, BELLE-FONTE, PA.		%	%	%
1653	Wheat Middlings, -----	Ulsch & Boshoar, Belle-fonte.	10.34	18.50	-----
	WHITE SHORTS.	Average, -----	10.22	17.04	-----
	BOOKWALTER & KERR, COR-SICA, PA.				
2495	Pure Wheat Middlings, -----	Bookwalter & Kerr, Corslea.	11.38	16.00	16.00
	W. E. BOYER, CHAMBERSBURG, PA.				
1751	Wheat Middlings, -----	W. E. Boyer, Chambers-burg.	11.89	15.88	-----
	BRIAR CREEK MILLS, BRIAR CREEK, PA.				
2213	Pure Wheat Middlings, -----	Briar Creek Mills, Briar Creek.	10.45	13.31	13.94
	J. C. BURNS, HUGHESVILLE, PA.				
2638	*Middlings, -----	George Decker, Mont-gomery.	10.69	12.25	12.14
	CLARION FLOUR MILLS, CLARION, PA.				
2412	Pure Wheat Middlings, -----	Clarion Flour Mills, Clarion.	11.42	16.19	5.00
	COWAN ROLLER MILLS, COWAN, PA.				
1700	Wheat Middlings, -----	Cowan Roller Mills, Cowan.	11.54	16.50	-----
	CROUCH BROTHERS CO., ERIE, PA.				
2048	Wheat Middlings with Ground Screenings not exceeding Mill Run.	Warren City Mills, Warren.	10.19	17.00	15.00
	G. A. DUFF, CHATHAM RUN, PA.				
2632	Middlings, -----	G. A. Duff, Chatham Run.	11.65	16.44	-----
	B. A. ECKHART MILLING COM-PANY, CHICAGO, ILL.				
1783	Wheat Flour Middlings, -----	Schooley & Son, Luzerne,	8.24	16.69	15.00
	GREENCASTLE MILLING CO., GREENCASTLE, PA.				
1759	Wheat Middlings, -----	Greencastle Milling Co., Greencastle.	9.75	15.75	-----
	THE HELLER MILLING COM-PANY, WAPWALLOPEN, PA.				
2033	Winter Wheat Middlings, -----	The Heller Milling Com-pany, Wapwallopen.	10.46	16.25	-----
	M. E. HERR, TURBOTVILLE, PA.				
1895	Pure Wheat Middlings, -----	M. E. Herr, Turbotville,	10.30	17.88	-----
	HIGHSPIRE FLOUR MILLS, INC., HIGHSPIRE, PA.				
1886	Pure Wheat Middlings, -----	W. W. Kalb, Sunbury.	10.47	15.75	14.66
	KELLEY BROTHERS, WASHING-TONVILLE, PA.				
1887	Kelley's Pure Wheat Middlings, -----	Kelley Brothers, Wash-ingtonville.	9.92	16.88	16.00
	LAGRANGE MILLS, RED WING, MINN.				
2211	Wheat Flour Middlings, -----	National Flour & Feed Co., Fayette City.	10.54	17.13	17.70
	THE LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO.				
2149	Lake Shore Flour Middlings, -----	Russell Brothers, Wash-ington.	11.67	16.25	-----

\*Not Registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.52	-----	5.09	-----	1 90	Wheat middlings, -----	Wheat gray shorts,	1633
4.78	-----	5.20	-----	41 09			
3.93	4.00	3.21	6 00	-----	Wheat middlings, -----	Wheat white shorts, -	2495
3.75	-----	3.14	-----	2 00	Wheat middlings, -----	Wheat white shorts, -	1751
3.93	3.51	3.02	4.86	2 00	Wheat middlings, -----	Wheat white shorts, -	2213
4.29	2-5	2.96	-----	54 00	-----	Wheat white shorts, -	2638
3.49	3.00	3.36	9.00	2 40	Wheat middlings, -----	Wheat white shorts, -	2412
4.44	-----	4.22	-----	2 00	Wheat middlings, -----	Wheat white shorts, -	1700
4.82	4.50	4.21	8.50	2 20	Wheat middlings with ground screenings not exceeding mill run.	Wheat white shorts with mill run ground screenings.	2048
5.27	-----	3.15	-----	42 00	-----	Wheat white shorts, -	2632
4.65	4.00	3.92	7.00	2 20	Wheat flour middlings,	Wheat white shorts, -	1783
3.55	-----	4.34	-----	2 10	Wheat middlings, -----	Wheat white shorts, -	1759
4.46	-----	3.94	-----	2 00	Wheat middlings, -----	Wheat white shorts, -	2033
5.00	-----	4.32	-----	1 80	Wheat middlings. -----	Wheat white shorts and small amount ground screenings.	1895
2.92	2.00	3.85	4.00	2 00	Wheat middlings, -----	Wheat white shorts,	1886
5.11	5.00	4.30	5.00	2 00	Wheat middlings, -----	Wheat white shorts,	1887
4.72	4.70	3.19	5.60	35 40	Wheat flour middlings,	Wheat white shorts,	2211
4.20	-----	3.38	-----	2 25	Flour middlings, -----	Wheat white shorts,	2149

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1739	LINCOLN-BUFFALO FLOUR MILLS, INC., LEWISBURG, PA. Wheat Bran, -----	J. H. Duttera, New Oxford.	6.97	17.44	-----
1692	Wheat Flour Middlings, (May contain Mill Run Screenings).	Buffalo Flour Mills, Lewisburg.	10.10	15.31	15.00
1740	Wheat Middlings, -----	J. H. Duttera, New Oxford.	10.21	16.19	-----
1997	MANHEIM MILLING CO., MANHEIM, PA. Pure Wheat Middlings, -----	S. D. Rohrbaugh, Manheim.	11.16	17.63	17.00
1656	FRANK M. MAYER, BELLEFONTE, PA. Pure Wheat Middlings, -----	Frank M. Mayer, Bellefonte.	11.16	17.19	16.00
1720	MINER-HILLARD MILLING CO., Choice Wheat Middlings with Screenings not exceeding Mill Run.	Miner-Hillard Milling Co., Wilkes-Barre.	10.40	16.75	17.00
2420	GEORGE L. REED MILLING CO., BROOKVILLE, PA. Mill Run Middlings, -----	George L. Reed Milling Co., Brookville.	11.00	16.81	-----
1742	RELIANCE ROLLER MILLS, NEW OXFORD, Pa. Wheat Middlings, -----	Reliance Roller Mills, New Oxford.	9.79	14.88	-----
2623	I. J. ROHRBAUGH, BEECH CREEK, PA. High Grade Pure Wheat Middlings, --	L. H. Stephens, Beech Creek.	12.30	16.00	13.00
2118	SOUTH PERKASIE MILLS, PERKASIE, PA. Wheat Middlings, -----	South Perkasio Mills, Perkasio.	10.15	14.94	-----
2346	DAVID STOTT FLOUR MILLS, INC., DETROIT, MICH. Stott's Fine White Middlings, -----	John E. Ross, Etna, ---	12.82	15.82	15.50
2670	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's No. 1 White Wheat Middlings.	W. P. Lauster, Yatesboro.	9.21	15.63	16.00
2643	W. H. TURNER & CO., MUNCY, PA. Shorts, -----	W. R. Long, Muncy, ---	5.94	15.63	-----
1987	WAYNESBURG MILLING CO., WAYNESBURG, PA. Wheat Middlings, -----	Waynesburg Milling Co., Waynesburg.	11.59	17.13	-----
1763	A. W. WEST ESTATE, UPPER STRASBURG, PA. Wheat Middlings, -----	A. W. West Estate, Upper Strasburg,	6.60	16.06	-----
2557	THE WHITE MILLING CO., BLOOMSBURG, PA. Pure Wheat Middlings, -----	The White Milling Co., Bloomsburg.	10.13	17.31	-----
2497	C. A. WHITEHILL, SHIPPENSVILLE, PA. Pure Wheat Middlings, -----	C. A. Whitehill, ShippenSVille.	11.38	16.38	13.50
1694	C. H. WITMER, LEWISBURG, PA Wheat Middlings, -----	C. H. Witmer, Lewisburg.	10.94	16.56	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.59	-----	8.64	-----	1 90	Wheat Bran, -----	Wheat white shorts,	1739
3.54	4.00	3.66	8.50	1 90	Wheat flour middlings, (may contain mill run screenings).	Wheat white shorts with mill run ground screenings.	1692
4.04	-----	3.73	-----	2 00	Wheat middlings, ---	Wheat White shorts,	1740
5.70	5.00	4.43	5.02	1 95	Wheat middlings, -----	Wheat white shorts,	1997
3.91	4.50	3.41	9.50	1 90	Wheat middlings, -----	Wheat white shorts, and small amount ground screenings.	1656
5.10	5.00	4.39	7.00	2 00	Wheat middlings with screenings not exceeding mill run.	Wheat white shorts, with mill run ground screenings.	1720
5.16	-----	4.14	-----	1 90	-----	Wheat white shorts,	2420
3.88	-----	3.88	-----	2 10	Wheat middlings, -----	Wheat white shorts,	1742
2.69	4.00	2.68	6.00	54 00	Wheat middlings, -----	Wheat white shorts,	2623
5.34	-----	4.35	-----	2 00	Wheat middlings, -----	Wheat white shorts,	2118
3.69	3.70	3.71	6.50	39 00	Fine white middlings,	Wheat white shorts.	2316
3.46	3.50	4.14	3.50	2 50	White wheat middlings,	Wheat white shorts,	2670
5.43	-----	3.13	-----	46 00	-----	Wheat white shorts,	2643
4.56	-----	3.16	-----	2 25	Wheat middlings, -----	Wheat white shorts,	1987
3.81	-----	3.18	-----	2 10	Wheat middlings, -----	Wheat white shorts,	1763
4.78	-----	3.96	-----	2 00	Wheat middlings, -----	Wheat white shorts,	2557
3.66	2.25	3.13	2.25	2 30	Wheat middlings, -----	Wheat white shorts,	2497
5.16	-----	3.60	-----	2 00	Wheat middlings, -----	Wheat white shorts,	1694



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1732	L. E. YAGEL, MILLMONT, PA. Wheat Middlings, -----	L. E. Yagel, Millmont, Average, -----	10.39 10.36	17.63 16.21	8.69 -----
	LOW GRADE FLOUR. CUNNINGHAM-VOSS COMPANY, ENID, PA.				
2437	*Wheat Middlings, -----	Cunningham-Voss Com- pany, Enid.	11.27	16.00	-----
	EAGLE ROLLER MILL COMPANY, NEW ULM, MINN.				
1770	Superb Red Dog Pure Wheat By- Product.	Wilkes-Barre Milling Co., Wilkes-Barre.	11.19	18.13	16.50
	GRIFFITH ELLIS, INDIANA, PA.				
2330	White Middlings, -----	Thomas K. George, Homer City.	11.19	14.31	-----
	HECKER-JONES-JEWELL MILL- ING CO., NEW YORK, N. Y.				
2130	Red Dog Flour, -----	Lewis A. Brown, New Hope.	10.95	17.44	15.75
	KING MIDAS MILLING COMPANY, MINNEAPOLIS, MINN.				
2324	Keystone Flour, -----	Johnson & Co., Frank- lin.	10.75	16.06	15.00
	LANCASTER MILLING COMPANY, LANCASTER, PA.				
1960	Pure Wheat Ship (Mixed Feed), ---	Lancaster Milling Com- pany, Lancaster.	12.77	15.38	15.00
	IRVIN E. MILLER, ABBOTTS- TOWN, PA.				
1744	Wheat Middlings, -----	Irvin E. Miller, Abbotts- town.	11.14	12.44	-----
	PILLSBURY FLOUR MILLS COM- PANY, MINNEAPOLIS, MINN.				
2336	Pillsbury Hard Wheat A Middlings and Screenings.	F. C. Adams, Clymer, -	10.38	16.63	16.00
	RALPH & E. C. WALLIS, MUNCY, PA.				
2644	Middlings, -----	W. R. Long, Muncy, ---	12.88	13.50	-----
	WASHBURN-CROSBY CO., MINNE- APOLIS, MINN.				
2461	Eventually Gold Medal Pure Hard Wheat Adrian Red Dog.	J. B. Anderson's Sons, Shickshinny.	6.40	17.75	15.00
2200	Eventually Gold Medal Pure Hard Wheat Adrian Red Dog.	Winburne Milling Co., -- Winburne.	10.46	17.00	16.00
	YARDLEY MILLS CO., INC., YARDLEY, PA.				
2134	Pure Wheat Middlings, -----	Yardley Mills Co., Inc., Yardley. Average, -----	12.06 10.95	15.91 15.88	----- -----
	RYE OFFALS. RYE MIDDINGS. (With ground grain screenings)				
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
1719	Choice Rye Middlings with Screen- ings not exceeding Mill Run.	Miner-Hillard Milling Co., Wilkes-Barre.	11.90	14.69	12.00
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
2541	Pillsbury Rye Middlings with Ground Screenings not exceeding Mill Run.	Dayton Milling Co., Dayton.	10.16	17.13	15.00

\*Not Registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.71 4.34	3.00	4.47 3.83	8.01	2 30 42 10	Wheat middlings, -----	Wheat white shorts,	1732
2.84	-----	2.10	-----	2 30	Wheat middlings, -----	Low grade wheat flour,	2437
5.11	4.50	3.30	8.50	2 40	-----	Low grade wheat flour,	1770
2.14	-----	1.25	-----	2 50	-----	Low grade wheat flour,	2330
5.21	5.00	2.43	4.00	2 30	Red dog flour, -----	As certified, -----	2130
3.10	2.00	6.81	2.00	2 25	Wheat flour, -----	Low grade wheat flour,	2324
3.65	3.00	2.28	2.27	2 00	-----	Low grade wheat flour,	1960
2.36	-----	1.32	-----	2 30	Wheat middlings, -----	Low grade wheat flour,	1744
4.49	4.00	3.86	6.00	2 15	Low grade wheat flour, wheat standard B. middlings, ground cleaned wheat screenings not exceeding mill run.	Low grade wheat flour with mill run ground screenings.	2336
2.87	-----	2.27	-----	46 00	-----	Low grade wheat flour,	2644
4.09	4.00	2.50	4.00	2 55	-----	Low grade wheat flour,	2461
4.50	4.00	3.49	4.00	2 75	-----	Low grade wheat flour,	2200
3.93	-----	1.50	-----	2 25	Wheat middlings, -----	Low grade wheat flour,	2134
3.69	-----	2.25	-----	\$46 75	-----	-----	-----
2.62	2.50	3.26	5.00	1 75	Rye middlings with screenings not exceeding mill run.	As certified, -----	1719
3.29	3.50	6.13	9.00	2 00	Rye middlings with ground cleaned rye screenings not exceeding mill run.	As certified, -----	2541

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1766	Pillsbury Rye Middlings with Ground Screenings not exceeding Mill Run.	Wilkes-Barre Milling Company, Wilkes-Barre.	10.42	16.50	15.00
	WHEAT AND RYE OFFALS. SOUTH PERKASIE MILLS, PERKASIE, PA.	Average, -----	10.82	16.11	-----
2117	Rye Middlings, ----- OAT <sup>2</sup> BY-PRODUCTS. OAT FEED. THE OGILVIE FLOUR MILLS, LTD., WINNIPEG, CANADA.	South Perkasia Mills, Perkasia.	10.16	13.13	-----
1928	Ogilvie's Oat Feed, -----	Ralph W. Snavely, Christiana.	5.01	6.25	5.75
2286	Ogilvie's Oat Feed, -----	Stroh & Seaman, Hamburg,	5.71	6.38	5.25
	PURITY OATS COMPANY, CHICAGO, ILL.				
1776	Purity Oat Feed, -----	Schooley & Son, Luzerne	5.86	5.50	5.00
	THE QUAKER OATS CO., CHICAGO, ILL.				
2636	Vim Feed, -----	C. F. Dunean & Son, New Florence.	6.08	6.25	5.00
2003	Vim Feed, -----	S. D. Rohrbaugh, Mannheim.	5.16	5.94	5.00
2202	Vim Feed, -----	Winburne Milling Co., Winburne.	5.41	7.25	5.00
	ROBIN HOOD MILLS, LTD., MOOSE JAW AND CALGARY, CANADA.				
1948	Blackhawk Pulverized Oat Feed, ----	E. B. Fritz & Sons Co., Quarryville.	7.13	7.06	5.50
1972	Blackhawk Reground Oat Feed, ----	A. W. Gill, Atglen, -----	6.23	7.38	5.25
	WESTERN CANADIAN FLOUR MILLS, LTD., TORONTO, CANADA.				
1954	Western Canadian Reground Oat Feed.	S. Book & Brother, Quarryville.	5.88	6.69	5.50
	BUCKWHEAT OFFALS. BUCKWHEAT MIDDINGS. MINER-HILLARD MILLING CO., WILKES-BARRE, PA.	Average, -----	5.83	6.52	-----
1721	Choice Buckwheat Middlings with Screenings not exceeding Mill Run.	Miner-Hillard Milling Co. Wilkes-Barre.	12.24	27.66	20.00
	BUCKWHEAT FEED. THE HELLER MILLING CO., WAPWALLOPEN, PA.				
2034	Buckwheat Feed, -----	The Heller Milling Co., Wapwallopen.	8.59	17.75	-----
	MATHER BROTHERS, GREENVILLE, PA.				
2648	Buckwheat Feed, -----	Mather Brothers, Greenville.	10.61	13.23	16.00
	REECE & GREENLY COMPANY, MILLVILLE, PA.				
2037	Buckwheat Offal Feed, -----	The Heller Milling Co., Wapwallopen.	6.40	13.44	10.00
		Average, -----	8.53	14.81	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.54	3.50	5.69	9.00	2 25	Rye middlings with ground screenings not exceeding mill run.	As certified, -----	1766
3.15	-----	5.02	-----	\$2 00			
2.89	-----	2.59	-----	1 75	-----	Wheat and rye middlings.	2117
2.91	2.50	28.09	27.00	1 40	Oat middlings, oat shorts, oat hulls.	As certified, -----	1928
2.90	2.25	26.45	27.00	1 35	Oat middlings, oat shorts, oat hulls.	As certified, -----	2236
1.91	1.50	27.87	30.00	1 65	Oat middlings, oat shorts oat hulls.	As certified, -----	1776
2.37	2.00	27.24	28.00	1 70	Oat meal mill by-products, (Oat middlings, oat shorts, oat hulls).	As certified, -----	2686
2.05	2.00	28.00	28.00	1 35	Oat meal mill by-products (oat middlings, oat shorts, oat hulls).	As certified, -----	2063
2.21	2.00	26.94	28.00	1 25	Oat meal mill by-products (oat middlings, oat shorts, oat hulls).	As certified, -----	2202
3.34	2.50	27.73	28.00	1 30	Oat hulls and oat middlings.	As certified, -----	1948
2.87	2.50	27.03	28.00	1 35	Oat hulls and oat middlings.	As certified, -----	1972
2.62	3.00	27.60	28.00	1 50	Oat shorts, oat hulls, oat middlings.	As certified, -----	1954
2.58	-----	27.43	-----	\$1 43	-----		
7.07	5.00	5.74	12.00	2 25	Buckwheat middlings with screenings not exceeding mill run.	As certified, -----	1721
5.06	-----	11.07	-----	1 50	-----	Buckwheat feed, -----	2034
3.35	4.00	24.99	25.00	1 00	Buckwheat middlings and buckwheat hulls ground together.	Buckwheat feed, -----	2648
3.13	2.00	30.43	35.00	1 00	Buckwheat bran, middlings, hulls and offals.	Buckwheat feed, -----	2037
3.85	-----	22.16	-----	1 17	-----		

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	ALFALFA MEAL. THE AVONDALE ALFALFA MILL- ING AND ELEVATOR CO., PUEBLO, COLO.		%	%	%
1995	Colorado Alfalfa Meal, -----	Brown & Rea, Atglen, --	5.24	14.25	12.00
	THE LAMAR ALFALFA MILLING CO., LAMAR, COLO.				
2189	Alfalfa Meal, -----	Kingston Feed Mills, Kingston.	6.50	17.00	12.00
	THE OTTO WEISS MILLING CO., WICHITA, KANSAS.				
2115	Otto Weiss Alfalfa Meal, -----	Edwin F. Stover, Perkasie.	14.12	18.75	12.00
	THE WESTERN ALFALFA MILL- ING CO., DENVER, COLO.				
2480	*Rocky Mountain Alfalfa Meal, -----	McFarland Supply Co., Greensburg.	7.59	19.38	13.00
		Average, -----	8.36	17.34	-----
	DRIED BEET PULP. M. F. BARINGER, PHILADEL- PHIA, PA.				
2127	MFB Dried Sugar Beet Pulp, -----	Lewis A. Brown, New Hope.	4.24	8.63	7.50
	M. B. JONES & CO., INC., NEW YORK CITY, N. Y.				
2401	Italian Beet Pulp, -----	Plymouth Mill & Grain Co., Plymouth.	6.77	10.50	7.00
	KASCO MILLS, INC., WAVERLY, N. Y.				
1722	Dried Beet Pulp, -----	Miner-Hillard Milling Co., Wilkes-Barre.	5.74	8.88	8.00
1913	Dried Beet Pulp, -----	S. C. S. Wholesale Co., Barnesboro.	7.08	8.75	8.00
	THE LARROWE MILLING CO., DETROIT, MICH.				
2239	Dried Beet Pulp, -----	Hudson & Kuhn, Greens- burg.	9.05	9.31	8.00
1845	Dried Beet Pulp, -----	Jeffreys Brothers, McKees port.	6.08	9.31	8.00
1707	Dried Beet Pulp, -----	Scureman Milling Co., Wilkes-Barre.	6.28	10.63	8.00
2701	Dried Beet Pulp, -----	Western Flour Co., Mones sen.	7.98	9.63	8.00
	MICHIGAN SUGAR COMPANY, SAGINAW, MICH.				
2096	Dried Beet Pulp, -----	C. C. Hipple & Son, West Chester.	5.76	11.38	8.00
	THE SCHOLL COMPANY, NEWARK, N. J.				
2100	Dried Sugar Beet Pulp, -----	Great Valley Mills, Paoli,	4.83	8.75	7.00
	THE UBIKO MILLING CO., CINCINNATI, OHIO.				
1781	Dried Beet Pulp, -----	Schooley & Son, Luzerne,	5.42	9.88	8.00
	WEST BAY CITY SUGAR COM- PANY, BAY CITY, MICH.				
2017	Dried Beet Pulp, -----	S. H. Pennypacker & Son, Kimberton.	5.31	11.06	8.00
	*Not registered.	Average, -----	6.21	9.73	-----



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
1.55	1.50	35.64	35.00	2 25	-----	Alfalfa meal, -----	1995
2.64	1.50	30.90	35.00	2 75	-----	Alfalfa meal, -----	2189
2.05	1.00	27.90	35.00	46 00	Ground alfalfa hay. ---	As certified, -----	2115
2.57	2.00	20.15	30.00	2 25	-----	Alfalfa meal, -----	2480
2.20	-----	28.64	-----	\$47 75			
1.21	0.50	23.42	20.00	2 30	-----	Dried beet pulp, -----	2127
0.81	0.25	20.24	20.00	2 25	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	2401
0.89	0.50	20.35	18.00	2 50	Composed of residue of sugar beets dried after extraction of sugar.	As certified, -----	1722
1.39	0.50	19.26	20.00	2 65	Residue of sugar beets dried after extraction of sugar.	As certified, -----	1913
1.44	0.50	19.60	20.00	-----	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	2239
1.44	0.50	21.81	20.00	2 25	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	1845
1.21	0.50	19.74	20.00	2 40	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	1707
0.95	0.50	19.80	20.00	2 30	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	2701
1.34	0.50	18.90	20.00	43 00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	2066
1.06	0.25	13.95	20.00	2 40	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	2100
1.26	0.50	19.86	20.00	2 60	-----	Dried beet pulp, -----	1781
1.10	0.50	20.29	20.00	2 25	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	2017
1.18	-----	19.76	-----	\$47 36	-----		

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	MIXED FEEDS. PROPRIETARY DAIRY FEED. ACME MILLING CO., OLEAN, N. Y.		%	%	%
1673	Acme Brand Dairy Ration, -----	Walcott Brothers, Eldred,	7.79	22.00	20.00
	AJAX SUPPLY CO., LANCASTER, PA.				
1966	Adams-Ajax 20% Ration, -----	A. W. Gill, Atglen, -----	7.00	22.69	20.00
1965	Adams-Ajax 24% Ration, -----	A. W. Gill, Atglen, -----	6.59	25.94	24.00
	THE AKRON FEED & MILLING COMPANY, AKRON, OHIO.				
2433	Portage Dairy Feed, -----	A. F. Gault, Bentleyville,	9.21	22.38	22.00
2601	Portage Dairy Feed, -----	B. F. Specht, Stoyestown,	9.40	23.25	22.00
	AMERICAN LINSEED CO., MINNEAPOLIS, MINN.				
2502	Alineo Dairy Ration, -----	Wm. Gates Estate, Kittanning.	8.73	23.44	22.00
1974	Alineo Dairy Ration, -----	Thompson & Fordyce, Waynesburg.	7.30	23.88	22.00
	AMERICAN MILLING CO., PEORIA, ILL.				
1909	American Dairy Ration, -----	B. S. Stauffer & Co., Lawn.	8.31	30.69	24.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.85	5.00	7.95	10.00	2 55	Oil meal, cottonseed meal, corn gluten feed, ground oats, hominy, corn feed meal, wheat mixed feed with ground screenings not exceeding mill run and not over 1% salt.	As certified, -----	1673
4.15	5.00	9.82	11.00	2 45	Linseed oil meal, cotton seed meal, corn gluten feed, hominy, beet pulp, malt sprouts, wheat bran, wheat middlings and salt.	Hominy feed and salt not detected.	1936
5.51	5.00	10.17	11.00	2 60	Distillers' dried grains, brewers' grains, corn gluten feed, corn meal, linseed oil meal, malt sprouts, cottonseed meal, wheat bran, wheat middlings and salt.	Corn meal, distillers' dried grains and salt not detected.	1965
4.72	5.00	8.53	10.00	44 00	Wheat bran, wheat middlings, corn distillers' dried grains, dried beet pulp, corn feed meal, hominy feed, cottonseed meal, linseed meal, corn gluten feed, salt and calcium carbonate.	Salt not detected, ----	2433
5.15	5.00	9.04	10.00	53 00	Wheat bran, wheat middlings, corn distillers' dried grains, dried beet pulp, corn feed meal, hominy feed, cottonseed meal, linseed meal, salt.	Found also small amount ground grain screenings.	2601
5.14	4.50	8.70	10.00	2 75	Linseed oil meal, cottonseed meal, gluten feed, dried beet pulp, wheat bran, wheat middlings, ground corn, ground oats, ground barley, mineral salts: (calcium and phosphorous) 1% salt.	As certified, -----	2502
5.10	4.50	9.41	10.00	3 05	Cottonseed meal, gluten feed, dried beet pulp, wheat bran, wheat middlings, ground corn, ground oats, ground barley, mineral salts, (calcium and phosphate), 1% salt.	As certified, -----	1974
4.53	4.50	7.85	10.00	2 65	Corn distillers' dried grains, prime cottonseed meal, linseed oil meal, corn gluten feed, prime peanut oil meal, dried sugar beet pulp, corn feed meal, wheat bran, wheat middlings, (Bran and middlings may contain mill run screenings), salt and calcium carbonate.	As certified, -----	1909

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2159	Ameriean Dairy Ration, -----	Washington Grain & Feed Co., Washington.	8.08	25.94	24.00
2357	Empire 20% Dairy Feed, -----	Watson town Fertilizer Co., Watson town.	9.70	21.50	20.00
1907	Suerene Dairy Feed, -----	B. S. Stauffer & Co., Lawn.	12.54	16.53	16.50
1806	ARCADY FARMS MILLING CO., CHICAGO, ILL. Advanced Registry Dairy Feed, ----	John B. Curry's Sons, Swatara.	8.03	25.63	25.00
2275	Advanced Registry Dairy Feed, ----	Danville Milling Co., Danville.	8.70	25.38	25.00
2432	Arcady Dairy Feed, -----	Acklin & Patterson Grain & Feed Co., Jefferson.	10.38	17.63	16.00
2015	Arcady Dairy Feed, -----	Fisher & Nolan, West Chester.	8.13	18.25	16.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.25	4.50	8.83	10.00	2 55	Corn distillers' dried grains, prime cottonseed meal, linseed oil meal, corn gluten feed, prime peanut oil meal, dried sugar beet pulp, corn feed meal, wheat bran, wheat middlings, (Bran and middlings may contain mill run screenings), salt and calcium carbonate.	Peanut oil meal not detected.	2159
4.63	4.50	8.43	9.00	48 00	Corn distillers' grains, cottonseed meal, linseed oil meal, peanut meal prime, corn gluten feed, corn feed meal, ground oats, wheat bran, cane molasses, salt, calcium carbonate.	As certified, -----	2357
4.38	3.50	11.17	12.00	2 00	Corn distillers' grains, cottonseed meal 43%, linseed oil meal, corn gluten feed, corn feed meal, wheat bran, ground and bolted grain screenings, clipped oat by-product, cane molasses, salt, calcium carbonate.	As certified, -----	1907
5.56	5.00	9.32	10.00	2 70	Hominy feed, pure old process linseed meal, corn gluten feed, dried grains from barley malt and corn, wheat bran, wheat middlings, cottonseed meal and one-half of one per cent fine table salt.	Salt not detected, ---	1896
6.31	5.00	8.82	10.00	2 60	Hominy feed, pure old process linseed meal, corn gluten feed, dried grains from barley malt and corn, wheat bran, wheat middlings, cottonseed meal and one-half of one per cent fine table salt.	As certified, -----	2275
4.91	4.00	10.70	12.00	42 00	Wheat bran, linseed oil meal, bolted wheat screenings, ground and bolted clipped oat by-product, molasses, cottonseed meal and salt $\frac{1}{2}$ of 1%.	Found also malt sprouts and small amount whole weed seeds.	2432
5.75	2.25	13.16	12.00	2 05	Wheat bran, old process linseed oil meal, corn gluten feed, cleaned, ground and bolted wheat screenings, ground and bolted clipped oat by-product, molasses, cottonseed meal, $\frac{1}{2}$ of 1% salt.	Found also small amount small whole weed seeds.	2015



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2583	Arady Dairy Feed, -----	E. A. Stear & Sons, Smicksburg.	9.13	16.63	16.00
2276	Cloverdale Milk Grains, -----	Danville Milling Co., Dan- ville.	11.43	24.13	24.00
1801	Old Colony Feed, The Ready Ration for Dairy Cows.	John B. Curry's Sons, Swatara.	7.90	22.31	20.00
2205	Provo 16 Dairy Feed, -----	W. H. Densham, Morris- dale.	12.67	16.12	16.00
1973	Provo 16 Dairy Feed, -----	A. W. Gill, Atglen, -----	10.15	17.70	16.00
1800	Sweet 16 Dairy Feed, -----	John B. Curry's Sons, Swatara.	11.47	16.84	16.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.63	3.50	12.30	12.00	2 20	Wheat bran, old process linseed oil meal, corn gluten feed, cleaned, ground and bolted wheat screenings, ground and bolted clipped oat by-product, molasses, cottonseed meal, $\frac{1}{2}$ of 1% salt.	Found also small amount small whole weed seeds.	2583
5.01	4.50	10.64	10.00	2.50	Pure old process linseed meal, wheat bran, cottonseed meal, corn gluten feed, dried grains from barley malt and corn, cleaned, ground and bolted clipped oat by-product, molasses and $\frac{1}{2}$ of 1% fine table salt.	Found also small amount ground screenings.	2276
4.48	3.50	10.25	12.00	2.70	Cottonseed meal, hominy feed, corn gluten feed, old process linseed oil meal, dried beet pulp, wheat bran, wheat middlings and one-half of one per cent fine table salt.	Salt not detected, ---	1801
4.33	3.50	12.11	12.00	2.50	Corn gluten feed, dried grains from barley malt and corn, cottonseed meal, wheat middlings, linseed oil meal, cleaned, ground and bolted wheat screenings, ground and bolted clipped oat by-product, molasses, $\frac{1}{2}$ of 1% calcium carbonate, $\frac{1}{2}$ of 1% fine table salt.	As certified. -----	2205
5.37	3.50	11.89	12.00	1.80	Corn gluten feed, dried grains from barley malt and corn, cottonseed meal, wheat middlings, linseed oil meal, cleaned, ground and bolted wheat screenings, ground and bolted clipped oat by-product, $\frac{1}{2}$ of 1% calcium carbonate and $\frac{1}{2}$ of 1% fine table salt.	Salt not detected. Found also small amount small whole weed seeds.	1973
4.44	4.00	10.56	12.00	2 00	Wheat bran, cottonseed meal, pure old process linseed meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, molasses and one-half of one per cent fine table salt.	Found also small amount whole weed seeds.	1800

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2277	Sweet 16 Dairy Feed, -----	Danville Milling Co., Danville.	13.20	16.04	16.00
1904	Wonder Dairy Ration, -----	B. S. Stauffer & Co., Lawn.	12.01	27.46	24.00
2150	J. J. BADENOCH COMPANY, CHICAGO, ILL. Graingold Dairy Feed, -----	Farmers Milling Corp., Washington.	9.52	26.31	26.00
2472	Honey Bee Dairy Feed, -----	B. Lindner, New Kensington.	13.02	17.43	16.00
2581	Honey Bee Dairy Feed, -----	E. A. Stear & Sons, Smicksburg.	12.39	16.83	16.00
2045	Milky-Way Dairy Feed, -----	Metzger-Wright Company, Sheffield.	7.57	21.81	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.71	4.00	11.70	12.00	2 00	Wheat bran, cottonseed meal, pure old process linseed meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, molasses and one-half of one per cent fine table salt.	As certified, -----	2277
5.48	5.00	8.86	10.00	2 65	Cottonseed meal, pure old process linseed meal, corn gluten feed, wheat bran, wheat middlings, dried grains from barley malt and corn, molasses and ½ of 1% fine table salt.	As certified, -----	1904
4.72	5.00	7.85	10.00	2 75	Corn gluten meal, hominy feed, cottonseed meal, corn gluten feed, wheat bran, wheat middlings, peanut oil meal, linseed oil meal, ground oats, ground barley, and salt.	Found also corn germ meal, small amount ground wild oats and small amount ground grain screenings.	2150
4.52	3.00	10.34	12.00	2 50	Cottonseed meal, corn gluten meal, linseed oil meal, corn feed meal, wheat bran, wheat middlings, alfalfa meal, molasses, calcium carbonate, salt, ground wheat screenings, clipped oat by-product.	Found also small amount small whole weed seeds.	2472
4.61	3.00	8.85	12.00	2 35	Cottonseed meal, corn gluten meal, linseed oil meal, corn feed meal, wheat bran, wheat middlings, alfalfa meal, molasses, calcium carbonate, salt, ground wheat screenings, clipped oat by-product.	Found also small amount whole weed seeds.	2581
4.38	5.00	11.20	12.00	2 87	Corn gluten meal, peanut oil meal, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, corn gluten feed, corn feed meal, ground oats, oat middlings, oat shorts, oat hulls, ground barley, calcium carbonate and salt.	Peanut oil meal not detected.	2045

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2586	Milky-Way Dairy Feed, -----	E. A. Stear & Sons, Smicksburg.	8.37	21.50	20.00
2170	BERGIN & COMPANY, NANTI- COKE, PA. Dairy Feed, -----	Bergin & Company, Nanticoke.	8.63	22.00	18.00
2619	BLANK & GOTTSHALL CO., INC., SUNBURY, PA. B. & G. Dairy Feed, -----	Blank & Gottshall Co., Inc., Sunbury.	7.69	22.00	20.00
1846	CHAPIN & COMPANY, HAM- MOND, IND. Ajax Dairy Ration, -----	Western Flour Co., Monessen.	6.60	21.94	20.00
2098	Centaur Feed, -----	Great Valley Mills, Paoli.	5.95	16.63	12.00
1825	Unicorn Dairy Ration, -----	Brothers & Tibbott, Ebensburg.	5.55	26.56	24.00
1937	Unicorn Dairy Ration, -----	Joseph C. Walker & Sons Co., Gap.	6.86	25.63	24.00
2345	Unicorn Dairy Ration, -----	Western Flour Com- pany, Charleroi.	8.51	24.38	24.00
1685	CO-OPERATIVE G. L. F. EX- CHANGE, BUFFALO, N. Y. G. L. F. Emergency Dairy, -----	O. W. Abbey, Port Allegany.	12.56	20.64	20.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.52	4.00	9.43	12.00	2 75	Linseed oil meal, cottonseed meal, wheat bran, peanut oil meal, ground oats, oat middlings, oat shorts, oat hulls, corn feed meal, wheat middlings, corn gluten meal, ground wheat screenings, dried beet pulp, calcium carbonate and salt.	As certified, -----	2586
5.17	5.00	8.29	12.00	2 60	Corn gluten feed, ground oats, corn meal, salt, dried brewer's grains, cottonseed meal, bran, O. P. oil meal, middlings.	As certified, -----	2170
5.94	5.00	9.38	10.00	2 40	Corn bran, wheat bran, dried brewers' grains, gluten feed, buckwheat middlings, alfalfa, molasses, linseed meal, cottonseed feed and $\frac{1}{2}$ of 1% salt.	As certified, -----	2619
6.17	5.00	8.51	9.00	2 50	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, dried brewers' grains, corn oil meal, wheat bran, hominy meal, salt.	As certified, -----	1846
5.72	4.00	6.83	8.00	2 95	Linseed oil meal, hominy feed, corn meal, crushed oats, wheat bran, salt.	As certified, -----	2098
5.85	5.00	8.31	10.00	2 75	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, -----	1825
6.06	5.00	8.09	10.00	2 70	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, -----	1937
5.71	5.00	8.73	10.00	41 75	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, -----	2345
3.81	4.00	8.11	9.00	2 50	Ground barley, ground oats, cottonseed meal 43%, cane molasses, corn gluten meal, linseed oil meal, O. P., corn distillers' grains, bone meal, salt, calcium carbonate.	Found also ground wild oats and small amount ground grain screenings.	1685

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1682	G. L. F. Emergency Dairy, -----	Eulalia Milling Com- pany, Inc., Couders- port.	11.95	22.53	20.00
1684	G. L. F. Exchange Dairy Feed, ----	O. W. Abbey, Port Alleghany.	11.14	20.94	20.00
1683	G. L. F. Milk Maker, -----	Eulalia Milling Co., Inc., Coudersport.	8.72	25.50	24.00
1686	G. L. F. 16% Feed, -----	O. W. Abbey, Port Alleghany.	8.49	25.56	16.00
1840	THE ALBERT DICKINSON COM- PANY, CHICAGO, ILL. Dickinson's Dairy Feed, -----	A. Davidson Feed Co., McKeesport.	8.05	25.06	24.00
2350	Dickinson's Dairy Feed, -----	George A. Seavy, Sharpsburg.	8.56	22.94	24.00
1911	Rival Dairy Feed, -----	S. C. S. Wholesale Co., Barnesboro.	9.00	16.56	16.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.26	4.00	8.84	9.00	2 50	Ground barley, ground oats, cottonseed meal 43%, cane molasses, corn gluten meal, linseed oil meal, O. P., corn distillers' grains, bone meal, salt, calcium carbonate.	As certified, -----	1682
4.95	4.50	10.26	9.00	2 60	Distillers' grains, standard wheat bran (may contain mill run of screenings), yellow hominy, ground oats, corn gluten feed, peanut meal, 40%, cottonseed meal, 43%, oil meal, O. P., cane molasses, salt, calcium carbonate.	As certified, -----	1684
4.93	5.00	9.04	9.00	2 65	Distillers' dried grains, corn gluten feed, cottonseed meal 43%, oil meal, O. P., standard wheat bran (may contain mill run of screenings), standard wheat middlings (may contain mill run of screenings), yellow hominy, ground oats, cane molasses, peanut meal 40%, salt, calcium carbonate.	As certified, -----	1683
5.58	4.50	9.27	9.00	2 40	Yellow hominy, ground oats, standard wheat bran (may contain mill run of screenings), standard wheat middlings (may contain mill run of screenings), corn gluten feed, linseed oil meal, cottonseed meal 43%, salt, calcium carbonate.	As certified, -----	1686
5.21	5.50	9.13	10.00	2 90	Corn gluten feed, brewers' dried grains, wheat bran, wheat middlings, cottonseed meal, linseed oil meal, hominy feed, 1% salt.	As certified, -----	1840
4.89	5.00	9.40	10.00	51 00	Corn gluten feed, brewers' dried grains, wheat middlings, cottonseed meal, linseed oil meal, corn feed meal, ground oats, ground barley, 1% steamed bone meal, 1% calcium carbonate, 1% salt.	As certified, -----	2350
4.95	4.00	7.63	10.00	2 85	Corn gluten feed, ground barley, linseed oil meal, cottonseed meal, wheat bran, corn feed meal, wheat middlings, ground screenings from wheat, oats, barley, Kaffir and 1% salt.	As certified, -----	1911

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.		%	%	%
1933	Eshelman's 16½ Dairy Feed, -----	Ralph W. Snavelly, Christiana.	10.56	18.39	16.50
2282	Eshelman's Conestoga 18% Dairy Feed.	John C. Crisman, Berwick.	13.91	19.85	18.00
1940	Eshelman's Conestoga 18% Dairy Feed.	Joseph C. Walker & Sons Co., Gap.	12.24	19.70	18.00
2136	Eshelman's Conestoga 18% Dairy Feed.	Yardley Mills Co., Yardley.	14.23	20.15	18.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.66	3.50	11.42	10.00	2 10	Wheat bran, cane molasses, cottonseed meal, cocoanut oil meal, soybean meal, corn gluten feed, wheat middlings, O. P. oil meal, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	Soybean meal and oat meal mill by-product not detected. Found also brewers' dried grains, clipped oat by-product, wild oats, and small amount small whole weed seeds.	1933
5.15	3.50	9.31	10.00	2 15	Wheat bran, cane molasses, cottonseed meal, cocoanut oil meal, soybean meal, corn gluten feed, wheat middlings, brewers' dried grains, O. P. oil meal, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	Found also clipped oat by-product, corn distillers' dried grains, malt sprouts and small amount small whole weed seeds.	2282
4.49	3.50	9.55	10.00	2 00	Wheat bran, cane molasses, cottonseed meal, cocoanut oil meal, soybean meal, corn gluten feed, wheat middlings, brewers' dried grains, O. P. oil meal, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	1940
3.69	3.50	8.46	10.00	2 25	Wheat bran, cane molasses, cottonseed meal, cocoanut oil meal, soybean meal, corn gluten feed, wheat middlings, brewers' dried grains, O. P. oil meal, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	Salt not detected, ----	2136



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1952	Eshelman's Golden Rod 25 Dairy Feed.	E. B. Fritz & Sons Co., Quarryville.	7.34	27.38	25.00
1950	Eshelman's Lancaster 20 Dairy Feed.	E. B. Fritz & Sons Co., Quarryville.	8.32	22.44	20.00
2099	Eshelman's Lancaster 20 Dairy Feed.	Great Valley Mills, Paoli.	16.67	20.64	20.00
1828	Eshelman's Lancaster 20 Dairy Feed.	Newgard & Tice, Annville.	10.75	22.95	20.00
1934	Eshelman's Lancaster 20 Dairy Feed.	Ralph W. Snavelly, Christiana.	9.11	24.36	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number:
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.18	5.00	9.83	10.00	2 80	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, wheat middlings, soybean meal, corn gluten meal, O. P. oil meal, ground oats, ground barley, brewers' dried grains, beet pulp, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	1952
4.87	4.00	10.26	10.00	2 20	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, brewers' dried grains, O. P. oil meal, re-ground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	1960
4.53	4.00	9.02	10.00	2 55	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, brewers' dried grains, O. P. oil meal, re-ground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	2009
4.33	4.00	8.50	10.00	2 25	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, brewers' dried grains, O. P. oil meal, re-ground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	Soybean meal and salt not detected.	1823
5.49	4.00	9.58	10.00	2 35	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, brewers' dried grains, O. P. oil meal, re-ground grain screenings from wheat, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	Soybean meal not detected. Found also small amount small whole weed seeds.	1934

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2031	Eshelman's Pennsy 16 Dairy Feed,	James L. Pennock & Co., Avondale.	10.07	18.64	16.60
2105	Eshelman's Red Rose 24 Dairy Feed,	Great Valley Mills, Paoli,	7.80	26.13	24.00
1665	GLOBE ELEVATOR COMPANY, BUFFALO, N. Y. Globe Creamery Feed, -----	Leonard Ritter, St. Marys.	9.88	23.19	23.00
2214	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Milk Maker, -----	Briar Creek Mills, Briar Creek.	9.40	19.13	20.00
1877	HEFTY MILLING CO., WATSONTOWN, PA. 20% Dairy Feed, -----	Hefty Milling Co., Watsonstown.	7.69	20.06	20.00
1753	THE H. O. CEREAL CO., INC., BUFFALO, N. Y. Algrane Milk Feed, -----	W. H. Stevenson, Midvale.	13.80	14.54	16.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.97	3.00	7.88	10.00	2 15	Cottonseed meal, cane molasses, cocoanut oil meal, soybean meal, corn gluten feed, brewers' dried grains, O. P. oil meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	Soybean meal not detected. Found also small amount small whole weed seeds.	2031
4.90	5.00	9.20	10.00	2 60	Wheat bran, cottonseed meal, cocoanut oil meal, wheat middlings, soybean meal, cane molasses, corn gluten feed, corn gluten meal, brewers' dried grains, O. P. oil meal, ground oats, ground barley, alfalfa meal, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	2105
5.57	5.00	7.95	12.00	2 75	Corn gluten feed, cottonseed meal, oil meal, ground oats, wheat bran, wheat middlings, may contain mill run ground screenings, salt $\frac{3}{4}$ of 1%.	As certified, -----	1665
5.36	5.00	8.70	12.00	2 45	Linseed oil meal, cottonseed meal, cocoanut oil meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, beet pulp, and one-half of one per cent of salt. wheat bran and wheat middlings may contain ground screenings not exceeding mill run).	As certified, -----	2214
5.70	5.00	6.38	9.00	2 25	Choice 43% cottonseed meal, wheat bran, corn gluten feed, ground oats, brewers' grains, barley meal, corn product, dried yeast grains, molasses, old process linseed oil meal.	Corn gluten feed not detected. Found also salt.	1877
3.74	4.00	11.09	11.00	2 15	Cottonseed meal, linseed oil meal, corn gluten feed, ground corn, wheat midds (with mill run screenings), molasses, salt 1 per cent, oat meal mill by-products (oat hulls, oat shorts, oat middlings).	As certified, -----	1753

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2300	Algrane Read The Tag Dairy Feed,	Clyde D. Duffee, Oil City.	11.83	24.29	20.00
2430	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL. Homestead Dairy Feed, -----	Carmichaels Milling Co., Carmichaels.	8.54	22.19	22.00
2397	INTERNATIONAL SUGAR FEED COMPANY, MINNEAPOLIS, MINN. International Special Dairy Feed,	Mervin O. Meservy, New Milford.	11.86	14.44	15.00
2218	KASCO MILLS, INC., WAVERLY, N. Y. Beatsall Mill Grains, -----	Community Flouring Mills, Berwick.	9.65	23.56	22.00
1839	Beatsall Mill Grains, -----	A. Davidson Feed Co., McKeesport.	8.02	22.69	22.00
2554	Beatsall Mill Grains, -----	The White Milling Co., Bloomsburg.	8.45	24.00	22.00
1863	Beatsall Mill Grains, -----	Wolfe & Huffman, Watsontown.	8.32	23.38	22.00
2552	Kasco Mormilk Dairy Ration, ----	The White Milling Co., Bloomsburg.	9.65	25.50	25.00
2182	KINGSTON FEED MILLS, KINGSTON, PA. Blue Ribbon Dairy Ration, -----	Kingston Feed Mills, Kingston.	9.82	20.06	20.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.63	5.00	7.83	9.50	2 85	Cottonseed meal, corn gluten feed, linseed oil meal, corn meal, hominy feed, ground barley, wheat midds (with mill run screenings), molasses, salt $\frac{3}{4}$ of 1%, oat hulls and oat shorts not over 225 pounds per ton, calcium carbonate $\frac{3}{4}$ of 1%.	As certified, -----	2300
5.64	5.00	9.65	10.00	46 00	Cottonseed meal, corn distillers' dried grains, linseed meal, gluten feed, wheat bran, wheat middlings, corn feed meal, dried beet pulp, salt and calcium carbonate.	Found also brewers' dried grains.	2430
4.91	4.50	11.47	12.00	1 90	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, 1% salt.	Found also flax screenings.	2397
5.59	4.00	8.34	10.00	2 65	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt, beet pulp.	As certified, -----	2218
5.44	4.50	9.82	10.00	2 90	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt, beet pulp.	As certified, -----	1839
5.34	4.50	9.00	10.00	2 60	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt, beet pulp.	As certified, -----	2554
6.09	4.50	9.47	10.00	2 25	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt, beet pulp.	As certified, -----	1863
5.40	5.00	8.75	9.00	2 65	Wheat bran, wheat middlings, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt.	As certified, -----	2552
5.76	5.00	6.84	8.00	2 50	Bran, corn meal, oil meal, cottonseed meal, Buffalo gluten, Diamond gluten, ground oats, salt.	As certified, -----	2182

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	KNECHT MILLING COMPANY, MILL HALL, PA.		%	%	%
1657	Cow Feed, -----	Knecht Milling Com- pany, Mill Hall.	10.26	22.75	18.00
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
2125	Amerikorn Dairy Ration, -----	Lewis A. Brown, New Hope.	6.07	25.25	24.00
2289	Amerikorn Dairy Ration, -----	W. J. Confer, Hamburg,	7.74	25.00	24.00
2325	Amerikorn Dairy Ration, -----	Helper-McNaughton, New Alexandria.	10.29	23.72	24.00
1967	Badger 16½ Sweet Dairy, -----	A. W. Gill, Atglen, ---	13.78	16.03	16.50
2326	Badger 16½ Sweet Dairy, -----	Helper-McNaughton, New Alexandria.	13.64	13.81	16.50
2092	Badger 16½ Sweet Dairy, -----	C. C. Hipple & Son, West Chester.	9.45	16.13	16.50

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.10	4.00	8.59	10.00	2 25	Corn and cob meal, oats chop, bran, cottonseed meal, oil meal, gluten.	As certified, -----	1657
5.99	5.00	9.85	10.00	2 60	Corn gluten meal, brewers' dried grains, corn gluten feed, O. P. linseed oil meal, cottonseed meal, Badger hominy feed, wheat bran and wheat middlings (with mill run screenings), molasses and salt.	As certified, -----	2125
6.03	5.00	10.68	10.00	50 00	Corn gluten meal, brewers' dried grains, corn gluten feed, O. P. linseed oil meal, cottonseed meal, Badger hominy feed, wheat bran and wheat middlings (with mill run screenings), molasses and salt.	Found also malt sprouts and small amount corn germ meal.	2239
5.54	5.00	10.15	10.00	2 45	Corn gluten meal, brewers' dried grains, corn gluten feed, O. P. linseed oil meal, cottonseed meal, Badger hominy feed, wheat bran and wheat middlings (with mill run screenings), molasses and salt.	Found also malt sprouts, barley and small amount small whole weed seeds.	2325
4.87	3.50	13.87	12.00	1 90	Cottonseed meal, ground and bolted screenings from wheat, molasses, flax plant by-products, oat meal mill by-products, (oat middlings, oat shorts and oat hulls), wheat bran (with mill run screenings) and salt.	Found also small amount small whole weed seeds.	1967
4.67	3.50	11.69	11.00	1 95	Cottonseed meal, ground and bolted screenings from wheat, molasses, flax plant by-products, oat meal mill by-products, (oat middlings, oat shorts and oat hulls), wheat bran (with mill run screenings) and salt.	As certified, -----	2326
4.74	3.50	13.49	11.00	39 00	Cottonseed meal, ground and bolted screenings from wheat, molasses, flax plant by-products, oat meal mill by-products, (oat middlings, oat shorts and oat hulls), wheat bran (with mill run screenings) and salt.	As certified, -----	2092

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2477	Badger 16½ Sweet Dairy, -----	Latrobe Feed Supply Co., Latrobe.	12.70	16.33	16.50
1985	Badger 16½ Sweet Dairy, -----	Waynesburg Milling Co., Waynesburg.	8.42	15.81	16.50
2013	Krameo Dairy Ration, -----	Fisher & Nolan, West Chester.	7.43	21.38	20.00
2129	Sweet Cud Dairy Ration, -----	Lewis A. Brown, New Hope.	7.69	20.56	20.00
2577	THE LADISH MILLING CO., MILWAUKEE, W S. Honor Dairy Feed with Beet Pulp,	E. M. Edwards & Sons, Shelocta.	7.61	20.38	20.00
2146	LAKE SHORE ELEVATOR COMPANY, CLEVELAND, OHIO. Victory Grains Dairy Food, -----	Russell Brothers, Washington.	8.59	23.19	20.00
1923	THE LARROWE MILLING CO., DETROIT, MICH. Larro The Ready Ration for Dairy Cows.	Ebensburg Milling & Supply Co., Ebensburg.	7.66	22.69	20.00
2349	Larro The Ready Ration for Dairy Cows.	Fayette Feed Co., Fayette City.	8.21	20.00	20.00

## FEEDING STUFFS COLLECTED IN 1924--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.41	3.50	13.46	11.00	2 00	Cottonseed meal, ground and bolted screenings from wheat, molasses, flax plant by-products, oat meal mill by-products (oat middlings, oat shorts, oat hulls), wheat bran with mill run screenings.	Found also malt sprouts and small amount small whole weed seeds.	2477
4.50	3.50	15.28	11.00	2 25	Cottonseed meal, ground and bolted screenings from wheat, molasses, flax plant by-products, oat meal mill by-products, (oat middlings, oat shorts and oat hulls), wheat bran (with mill run screenings) and salt.	Found also small amount small whole weed seeds.	1985
5.00	4.00	10.99	11.00	2 55	Badger hominy feed, beet pulp, O. P. linseed oil meal, prime cottonseed meal, corn gluten feed, wheat middlings, wheat bran (with mill run screenings) and salt.	O. P. linseed oil meal not detected. Found also barley, oats, corn meal, ground screenings and small amount small whole weed seeds.	2013
5.49	4.50	12.81	12.00	2 40	Ground corn, cottonseed meal, Badger hominy feed, wheat bran (with mill run screenings), oat meal mill by-products (oat middlings, oat hulls and oat shorts), molasses and salt.	Found also corn gluten feed and small amount small whole weed seeds.	2129
4.75	5.00	10.45	11.00	2 65	Corn gluten feed, prime cottonseed meal, O. P. linseed oil meal, wheat bran, standard wheat middlings, ground oats, corn meal, dried beet pulp, 1% salt.	Found also small amount grain screenings.	2577
5.35	4.00	8.93	14.00	2 65	Cottonseed meal, gluten, ground oats, ground barley meal, bran, oil meal, hominy, dried beet pulp, $\frac{1}{2}$ of 1% salt.	As certified, -----	2146
4.57	4.00	12.45	12.00	2 65	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	As certified, -----	1923
4.22	4.00	12 01	12.00	48 20	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	Found also small amount ground grain screenings.	2340



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2608	Larro The Ready Ration for Dairy Cows.	H. L. Garrison & Brother, Berwick.	8.42	21.88	20.00
2519	Larro The Ready Ration for Dairy Cows.	Thomas Hammon, Pittsburgh.	8.91	21.19	20.00
2671	Larro The Ready Ration for Dairy Cows.	Hetrick, Wilson & Co., Indiana.	8.54	20.63	20.00
2416	Larro The Ready Ration for Dairy Cows.	Kline Flour Mills Co., Brookville.	8.59	21.50	20.00
2649	Larro The Ready Ration for Dairy Cows.	Mather Brothers, Greenville.	8.95	21.25	20.00
1936	Larro The Ready Ration for Dairy Cows.	Ralph W. Snavely, Christiana.	7.57	22.25	20.00
2655	Larrowe's Big Six Complete Dairy Feed.	J. B. Roux, Farrell, ---	12.00	21.63	21.00
	THE McMILLEN COMPANY, FORT WAYNE, IND.				
2393	Jumbo Dairy Feed, -----	Glen E. Tingley, New Milford.	10.71	16.36	16.00
1758	Universal Dairy Feed, -----	Greencastle Milling Co., Greencastle.	13.70	20.67	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.16	4.00	11.43	12.00	2 60	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	As certified, -----	2608
4.41	4.00	11.56	12.00	2 90	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	As certified, -----	2519
4.35	4.00	11.31	12.00	2 75	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	As certified, -----	2671
4.76	4.00	11.26	12.00	2 65	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	Found also small amount ground grain screenings.	2416
4.27	4.00	10.97	12.00	2 60	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	As certified, -----	2649
4.50	4.00	12.07	12.00	2 70	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ of 1% salt.	As certified, -----	1936
5.07	4.00	6.98	12.00	2 60	O. P. linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, standard wheat bran, standard wheat middlings, $\frac{3}{4}$ % salt.	As certified, -----	2655
4.59	3.50	11.74	12.00	1 95	Malt sprouts, brewers' dried grains, wheat bran, cottonseed meal, linseed oil meal, corn feed meal, oat hulls, oat shorts, oat middlings, ground screenings from wheat, oats, barley and Kaffir, 1% salt, molasses.	Found also small amount small whole weed seeds.	2393
3.94	3.50	8.53	11.00	2 40	Malt sprouts brewers' dried grains, coconut oil meal, corn gluten feed, wheat bran, wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, not over $\frac{1}{2}$ of 1% salt, molasses.	As certified, -----	1758

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
1256	MARION CENTER MILLING CO., MARION CENTER, PA. Penna. Dairy Feed, -----	Marion Center Milling Co., Marion Center.	% 8.23	% 18.69	% 21.13
2454	MARITIME MILLING CO., INC., BUFFALO, N. Y. Bull Brand Dairy Ration, -----	H. Hunter, Ashland, ---	7.65	23.44	24.00
2141	Bull Brand Dairy Ration, -----	N. B. Keim & Son, South Langhorne.	7.93	24.25	24.00
2516	Bull Brand Dairy Ration, -----	Orwigsburg Milling Co., Orwigsburg.	10.01	22.69	24.00
2290	Bull Brand Dairy Ration, -----	S. E. Seidel, Hamburg,	9.20	23.44	24.00
1788	CHARLES P. MATTHEWS & SONS, INC., SCRANTON, PA. Best Cow Feed, -----	C. P. Matthews & Sons, Inc., Luzerne.	7.96	21.06	15.00

## FEEDING STUFFS COLLECTED IN 1924--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.80	5.93	8.10	9.22	2 40	Corn and oats chop, oil meal, cottonseed meal, wheat bran and middlings.	As certified, -----	2256
5.41	6.00	10.49	12.00	2 75	Dried brewers' grains, dried malt grains, old process oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings and salt $\frac{3}{4}$ of 1%. Wheat bran and wheat middlings may contain ground grain screenings not exceeding mill run.	As certified, -----	2454
5.76	6.00	10.35	12.00	2 65	Dried brewers' grains, dried malt grains, old process oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings and salt $\frac{3}{4}$ of 1%. Wheat bran and wheat middlings may contain ground grain screenings not exceeding mill run.	Found also ground barley.	2141
5.70	6.00	9.59	12.00	2 70	Dried brewers' grains, dried malt grains, old process oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings and salt $\frac{3}{4}$ of 1%. Wheat bran and wheat middlings may contain ground grain screenings not exceeding mill run.	As certified, -----	2516
5.60	6.00	9.05	12.00	48 00	Dried brewers' grains, dried malt grains, old process oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings and salt $\frac{3}{4}$ of 1%. Wheat bran and wheat middlings may contain ground grain screenings not exceeding mill run.	As certified, -----	2290
5.21	5.00	7.87	8.00	2 70	Gluten meal, corn meal, linseed oil meal and wheat middlings.	As certified, -----	1788

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1785	No. 1 Dairy Feed, -----	C. P. Matthews & Sons, Inc., Luzerne.	5.82	25.63	16.00
1713	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Mihimico Dairy Feed, -----	Miner-Hillard Milling Co. Wilkes-Barre.	8.49	20.00	17.00
2269	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino Butterine Dairy Feed, -----	H. M. Brown, Indiana,	11.63	17.21	17.00
2287	Domino Butterine Dairy Feed, -----	W. J. Confer, Hamburg,	14.48	17.70	17.00
1963	Domino Butterine Dairy Feed, -----	Fred L. & John E. Homsher, Strasburg.	13.00	16.01	17.00
2266	Domino 24½% Dry Dairy Feed, -----	H. M. Brown, Indiana,	6.87	24.53	24.50
2288	Fidelity Dairy Feed, -----	W. J. Confer, Hamburg,	9.45	19.81	20.00
1879	THE PARK & POLLARD COMPANY BUFFALO, N. Y. Stevens 44 Dairy Ration, -----	O. G. Gold & Son, Milton.	5.23	26.50	24.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.60	4.00	9.32	13.00	2 80	Gluten feed, molasses, linseed meal, cottonseed meal, wheat bran, rice bran, wheat middlings, ground oats, corn, less than 1% salt.	Found also brewers' dried grains.	1785
5.57	5.00	5.89	9.00	2 60	Hominy feed, corn oil meal, buckwheat middlings, wheat middlings, bran, cottonseed meal, brewers' grains, O. P. oil meal, salt.	Found also alfalfa meal and meat and bone scrap.	1713
4.53	3.00	9.66	15.00	1 70	Cottonseed meal, corn gluten feed, brewers' dried grains, yeast grains (from barley malt, corn, malt sprouts, oat malt,) 2% calcium carbonate, molasses, ground and bolted grain screenings, $\frac{3}{4}$ of 1% salt.	Found also small amount small whole weed seeds.	2269
4.76	3.50	9.39	15.00	40 00	Cottonseed meal, corn gluten feed, brewers' dried grains, yeast grains (from barley malt, corn, malt sprouts, oat malt,) 2% calcium carbonate, molasses, ground and bolted grain screenings, $\frac{3}{4}$ of 1% salt.	Found also oats and small amount small whole weed seeds	2287
4.22	3.50	10.05	15.00	2 00	Cottonseed meal, corn gluten feed, brewers' dried grains, yeast grains (from barley malt, corn, malt sprouts, oat malt,) 2% calcium carbonate, molasses, ground and bolted grain screenings, $\frac{3}{4}$ of 1% salt.	Found also small amount small whole weed seeds.	1963
5.32	4.50	7.33	10.00	2 25	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, corn feed meal, calcium carbonate, $\frac{3}{4}$ of 1% salt.	As certified, -----	2266
4.05	4.00	8.69	11.00	47 00	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, $\frac{3}{4}$ of 1% salt, calcium carbonate and beet pulp.	Found also small amount ground grain screenings.	2283
5.85	5.00	8.65	14.00	2 80	Linseed oil meal, cottonseed meal, corn gluten feed, coconut oil meal, pea meal, corn distillers' dried grains, brewers' dried grains, corn meal, calcium carbonate, salt, wheat bran with mill run of screenings.	Found also malt sprouts.	1879

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2042	Stevens 44 Dairy Ration, -----	Kane Milling & Grocery, Co., Kane.	9.19	23.26	24.00
2705	Stevens 44 Dairy Ration, -----	J. A. McKelvey, Blairsville.	12.11	22.73	24.00
1880	Universal Ration, -----	O. G. Gold & Sons, Milton.	6.11	16.56	15.00
2566	Universal Ration, -----	Tyrone Milling Co., Tyrone.	7.82	17.13	15.00
2678	PENNSYLVANIA FARMERS' CO-OPERATIVE FEDERATION, INC., PHILADELPHIA, PA. P. F. C. F. 20% Milk Maker, -----	E. H. Croft, Indiana,	9.15	22.06	20.00
2084	P. F. C. F. 20% Milk Maker, -----	Harry H. Pratt, West Chester.	15.08	21.02	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.31	4.00	11.62	10.00	2 90	Cottonseed meal, soybean meal, linseed oil meal, alfalfa meal, cocoanut oil meal, brewers' dried grains, molasses, wheat bran, standard middlings with screenings, gluten feed, calcium phosphate, calcium carbonate.	As certified, -----	2042
4.76	4.00	9.73	10.00	2 70	Cottonseed meal, soybean meal, linseed oil meal, alfalfa meal, cocoanut oil meal, brewers' dried grains, molasses, wheat bran, standard middlings with screenings, gluten feed, calcium phosphate, calcium carbonate.	As certified, -----	2705
5.86	6.00	12.24	12.00	2 00	Linseed oil meal, cottonseed meal, cocoa shell meal, fine ground grain screenings, alfalfa, toasted wheat feed, oat feed (oat middlings, oat shorts, oat hulls), fish, molasses, calcium carbonate and salt.	As certified, -----	1880
6.96	6.00	11.03	12.00	37 60	Linseed oil meal, cottonseed meal, cocoa shell meal, fine ground grain screenings, alfalfa, fish, molasses, calcium carbonate and salt.	Found also small amount small whole weed seeds	2566
4.87	4.50	9.19	9.00	2 23	Corn gluten feed, wheat bran (may contain mill run screenings), yellow hominy feed, ground oats, molasses (cane), cottonseed meal-prime, peanut meal-prime, corn distillers' grains, linseed oil meal, O. P., bone meal-steamed, calcium carbonate, salt.	As certified. Peanut meal trace.	2678
4.83	4.50	7.44	9.00	49 67	Corn gluten feed, wheat standard bran, yellow hominy, ground oats, cane molasses, cottonseed meal 43%, peanut meal 40%, corn distillers' grains, linseed oil meal O. P., Salt, calcium carbonate.	Distillers' dried grains and salt not detected. Found also brewers' dried grains.	2084

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1945	P. F. C. F. 20% Milk Maker, -----	Quarryville Farmers' Association, Quarryville.	8.41	24.31	20.00
2340	P. F. C. F. 20% Milk Maker, -----	S. S. Wetzel, Marion Center.	9.51	22.56	20.00
2083	P. F. C. F. 24% Milk Maker, -----	Harry H. Pratt, West Chester.	11.18	24.96	24.00
2548	P. F. C. F. 24% Milk Maker, -----	J. M. Rankin, Home, ---	9.27	26.00	24.00
2677	P. F. C. F. 32% High Protein Supplement.	E. H. Groft, Indiana, --	10.32	31.39	32.00
2085	P. F. C. F. 32% High Protein Supplement.	Harry H. Pratt, West Chester.	10.62	32.67	32.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.08	4.50	8.27	9.00	2 50	Corn gluten feed, wheat standard bran, yellow hominy, ground oats, cane molasses, cottonseed meal 43%, peanut meal, 40%, corn distiller's grains, linseed oil meal, O. P., salt, calcium carbonate	Peanut oil meal not detected.	1945
4.86	4.50	8.39	9.00	2 20	Corn gluten feed, wheat bran (may include mill run screenings), yellow hominy feed, ground oats, molasses (cane), cottonseed meal-prime, peanut meal-prime, corn distillers' grains, linseed oil meal O. P., bone meal-steamed, calcium carbonate, salt.	Found also small amount ground grain screenings.	2540
5.17	5.00	7.86	9.00	53 32	Corn gluten feed, cottonseed meal 43%, linseed oil meal and O. P. screenings oil feed, corn distillers' grains, wheat standard bran, yellow hominy, wheat standard middlings, ground oats, molasses (cane), prime peanut meal, salt, calcium carbonate.	Distillers' dried grains and salt not detected. Found also brewers' dried grains.	2083
5.01	5.00	8.04	9.00	47 55	Corn gluten feed, cottonseed meal-prime, linseed oil meal O. P., corn distillers' grains, wheat bran, wheat middlings (bran and middlings may contain mill run screenings), yellow hominy feed, peanut meal-prime, ground oats, molasses (cane) bone meal-steamed, calcium carbonate, salt.	Found also small amount ground grain screenings.	2548
5.63	5.00	7.53	9.00	2 60	Cottonseed meal-prime, corn gluten meal, linseed oil meal, wheat bran (may contain mill run screenings), corn distillers' grains, soy bean meal, peanut meal-prime, molasses (cane), bone meal-steamed, calcium carbonate, salt.	Peanut meal trace. Found also malted barley and malt sprouts.	2677
4.96	5.00	7.12	9.00	58 67	Cottonseed meal 43%, corn gluten meal, linseed oil meal O. P., wheat standard bran, corn distillers' grains, soy bean meal, peanut meal, cane molasses, salt, calcium carbonate.	Distillers' dried grains and salt not detected. Found also brewers' dried grains	2085



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1946	P. F. C. F. 32% High Protein Supplement.	Quarryville Farmers' Association, Quarryville.	6.97	32.50	32.00
1859	GEORGE B. PHILLIPS, MILTON, PA. *Dairy Feed, -----	George B. Phillips, Milton.	8.44	21.10	-----
2574	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury 20% Dairy Ration, -----	The Kline Grain Company, Shelocta.	7.76	21.81	20.00
2333	Pillsbury 20% Dairy Ration, -----	Star Milling Co., Starford.	9.91	21.00	20.00
2698	Pillsbury 20% Dairy Ration, -----	Western Flour Co., Monessen.	8.46	20.13	20.00
1813	PRATT FOOD COMPANY, PHILADELPHIA, PA. Pratt's Supreme Dairy Ration, --	John G. Early & John A. Detweiler, Palmyra.	8.28	21.00	20.00
2229	J. E. PRITTS, SCOTTTDALE, PA. Pritts' Dairy Feed, -----	J. E. Pritts, Scottdale,	10.57	24.47	-----
2654	THE QUAKER OATS CO., CHICAGO, ILL. Big Q Dairy Ration, ----- *Not Registered.	J. B. Roux, Farrell,	10.39	24.61	24.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.25	5.00	7.71	9.00	2 9	Cottonseed meal 43%, corn gluten meal, linseed oil meal O. P., wheat standard bran, corn distillers' grains, soy bean meal, peanut meal, cane molasses, salt calcium carbonate.	Corn distillers' dried grains and peanut oil meal not detected.	1946
4.58	-----	8.53	-----	2.40	Clover Leaf dried brewers' grains, beet pulp, oats chop, bran, corn chop, cottonseed meal and linseed meal.	Beet pulp not detected. Found also ear corn and buckwheat.	1859
5.70	4.00	9.21	11.00	26.50	Ground oats, wheat bran, hominy feed, linseed oil meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate, sodium chloride.	As certified, -----	2574
5.06	4.00	8.89	11.00	2 75	Ground oats, wheat bran, hominy feed, linseed oil meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate, sodium chloride.	As certified, -----	2333
5.06	4.00	9.65	11.00	2 60	Ground oats, wheat bran, hominy feed, linseed oil meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate, sodium chloride.	Found also small amount ground grain screenings.	2698
5.37	1.00	8.58	10.50	2 65	Corn gluten feed, Cottonseed meal, O. P. linseed oil meal, coconut oil meal, wheat bran, wheat middlings, ground grain screenings from wheat, 1% salt, ground oats.	As certified, -----	1813
5.41	-----	8.17	-----	2 30	Beet pulp, alfalfa meal, oil meal, cottonseed meal, pure corn chop, bran, middlings.	Found also small amount ground grain screenings.	2229
4.44	4.00	11.02	11.00	2 60	Yellow hominy feed, hominy feed, cottonseed meal, corn gluten feed, old process linseed meal, wheat bran, wheat middlings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls). $\frac{1}{2}$ of 1% salt, 1% calcium carbonate, molasses.	Found also small amount ground grain screenings.	2654

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2564	Boss Dairy Ration, -----	F. E. Farabaugh & Sons, Patton.	7.58	23.88	24.00
2365	Boss Dairy Ration, -----	John Higgins, Houtzdale.	10.44	24.13	24.00
2573	Boss Dairy Ration, -----	The Kline Grain Company, Shelocta.	8.98	22.89	24.00
2143	Boss Dairy Ration, -----	J. K. Lawson, Washington.	11.76	24.52	24.00
2675	Boss Dairy Ration, -----	L. M. Lewis, Indiana,	11.35	23.30	24.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton of cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.56	4.00	10.60	10.50	55 00	Hominy feed, yellow bominy feed, cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	As certified, -----	2564
5.23	4.00	9.49	11.00	55 00	Hominy feed, yellow bominy feed, cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	As certified, -----	2305
4.94	4.00	10.23	10.50	2 75	Hominy feed, yellow bominy feed, cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	As certified, -----	2573
4.49	4.00	9.52	11.00	2 80	Hominy feed, yellow bominy feed, cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	As certified, -----	2143
4.68	4.00	9.85	10.50	2 65	Hominy feed, yellow bominy feed, cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	As certified, -----	2675

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2441	Boss Dairy Ration, -----	John Vlasic, Ambridge,	7.64	26.44	24.00
1955	RALSTON-PURINA CO., INC., ST. LOUIS, MO. Protena Dairy Feed, -----	S. Book & Brother. Quarryville.	12.14	18.59	16.50
1676	Protena Dairy Feed, -----	Port Allegany Milling Co., Port Allegany.	12.72	16.88	16.50
2526	Purina Cow Chow Feed, -----	Braddock Feed & Supply House, Braddock.	10.53	25.76	24.00
2373	Purina Cow Chow Feed, -----	L. A. Fischer & Co., Inc., Bradford.	11.63	24.58	24.00
2344	Purina Cow Chow Feed, -----	Western Flour Co., Char- leroi.	10.17	25.18	24.00
1711	SCUREMAN MILLING CO., WILKES-BARRE, PA. Tip-Top Dairy Feed, -----	Scureman Milling Co., Wilkes-Barre.	9.71	21.13	20.00
2407	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA. Symco Dairy Feed, -----	Spanogle-Yeager Milling Co., Lewistown.	9.01	22.81	20.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.70	4.00	9.24	10.50	50 00	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	As certified, -----	2441
3.69	3.50	11.28	12.00	2 10	Cottonseed meal, gluten feed from corn, oat feed (oat hulls, oat shorts, oat middlings) ground wheat screenings, molasses and 1% salt.	As certified, -----	1955
4.03	3.50	13.33	12.00	2 20	Cottonseed meal, gluten feed from corn, oat feed (oat hulls, oat shorts, oat middlings), ground wheat screenings, molasses and 1% salt.	Found also small amount whole weed seeds.	1676
4.18	4.30	12.44	12.00	3 25	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, -----	2526
4.33	4.30	11.24	12.00	2 80	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, -----	2373
4.93	4.30	10.00	12.00	46 70	Linseed oil meal (old process), gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, -----	2344
4.96	4.50	6.66	9.00	2 60	Wheat bran, corn gluten, corn meal, linseed oil meal, cottonseed meal, $\frac{1}{2}$ of 1% salt, wheat middlings with ground screenings not exceeding mill run.	Found also small amount ground grain screenings.	1711
5.93	4.00	8.09	9.00	2 45	Ground barley, corn gluten feed, linseed oil meal, cottonseed meal, corn feed meal, wheat bran, ground oats, wheat middlings and soybean oil meal.	Found also corn distillers' dried grains, brewers' dried grains and malt sprouts.	2407

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
1754	STEVENSON BROTHERS, MID-VALE, PA. Stevenson's Dairy Ration, -----	W. H. Stevenson, Midvale.	% 6.20	% 22.69	% 20.00
1681	THOMAS-BOYCE FEED COMPANY, ATTICA, N. Y. Direct Dairy Feed, -----	Eulalia Milling Co., Inc., Coudersport.	8.45	23.88	24.00
2087	Direct Dairy Feed, -----	Harry H. Pratt, West Chester.	8.24	23.25	24.00
1978	THOMPSON & FORDYCE, WAYNEBURG, PA. *Penn State Laying Mash, -----	Thompson & Fordyce, Waynesburg.	7.68	19.75	-----
2607	TIOGA MILL & ELEVATOR COMPANY, WAVERLY, N. Y. Red Brand Ti-O-Ga Dairy Feed, --	H. L. Garrison & Brother, Berwick.	9.26	25.00	24.00
2538	Red Brand Ti-O-Ga Dairy Feed, --	Neal S. Harrison, Forks.	9.91	26.25	24.00
1892	Red Brand Ti-O-Ga Dairy Feed, --	Kelley Brothers, Washingtonville.	10.41	25.01	24.00
2395	Red Brand Ti-O-Ga Dairy Feed, --	Mervin C. Meservey, New Milford.	9.25	24.56	24.00
2605	White Brand Ti-O-Ga Dairy Feed, -	H. L. Garrison & Brother, Berwick.	9.49	23.06	20.00
2264	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's Cloverdale Dairy Ration, --	W. H. Densham, Morrisdale.	9.84	19.06	20.00

\*Not registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.31	5.00	9.55	11.00	2 50	Corn meal, ground oats, pure bran, O. P. linseed oil meal, cottonseed meal, gluten feed, salt.	As certified, -----	1754
4.79	5.00	8.11	10.00	2 65	Linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, wheat bran, wheat middlings, salt.	As certified, -----	1681
5.06	5.00	7.93	10.00	50 00	Linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, wheat bran, wheat middlings, salt.	As certified, -----	2087
5.97	-----	8.31	-----	3 00	Corn chop, oats chop, wheat bran, wheat middlings, beef scraps, 100 lbs. each and salt.	As certified, -----	1978
5.96	4.50	8.69	10.00	2 60	Brewers' grains, cane molasses, cocoanut oil meal, wheat bran, cottonseed meal, corn gluten feed, wheat middlings, cocoa oil meal, linseed oil meal, salt 1%.	Found also small amount ground grain screenings.	2607
6.11	4.50	8.69	10.00	2 65	Brewers' grains, cane molasses, cocoanut oil meal, wheat bran, cottonseed meal, corn gluten feed, wheat middlings, cocoa oil meal, linseed oil meal, salt 1%.	Found also small amount ground grain screenings.	2538
6.09	4.50	9.49	10.00	2 65	Wheat middlings, cocoanut oil meal, cottonseed meal, linseed oil meal, wheat bran, brewers' grains, cane molasses, peanut oil meal, salt 1%.	Peanut oil meal not detected.	1892
5.81	4.50	9.60	10.00	2 50	Brewers' grains, cane molasses, cocoanut oil meal, wheat bran, cottonseed meal, wheat middlings, corn gluten feed, cocoa oil meal, linseed oil meal, salt 1%.	Found also screenings oil feed and small amount ground grain screenings.	2395
5.89	4.50	8.40	10.00	2 50	Wheat middlings, cane molasses, cocoa oil meal, corn feed meal, wheat bran, salt 1%, cottonseed meal, corn gluten feed, linseed oil meal, cocoanut oil meal.	Found also brewers' dried grains and a small amount ground grain screenings.	2605
4.34	5.00	8.39	9.00	2 75	Corn meal, wheat bran, ground barley, ground oats, O. P., linseed oil meal, cottonseed meal, gluten feed, ½ of 1% salt.	As certified, -----	2204

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
2592	Camp's Cloverdale Dairy Ration, --	A. F. McClure, Big Run.	% 9.20	% 20.94	% 20.00
2385	THE UBIKO MILLING CO., CINCINNATI, OHIO. Fourex Dairy Ration, -----	Haney-Frazier Milling & Elevator Co., Riverside.	10.80	17.64	16.50
1851	Fourex Dairy Ration, -----	R. C. Mountser, Charleroi.	10.35	16.87	16.50
1799	Union Grains, Ubiko Biles Ready Dairy Ration.	John B. Curry's Sons, Swatara.	6.36	24.75	24.00
2390	Union Grains, Ubiko Biles Ready Dairy Ration.	Haney-Frazier Milling & Elevator Co., Riverside.	8.25	24.25	24.00
2053	WARREN CITY MILLS, WARREN, PA. Cook's Quality Dairy Feed, -----	Warren City Mills, Warren.	9.21	19.56	19.00
2293	F. S. WERTZ & SON, READING, PA. Faramel Dairy Feed, -----	F. S. Wertz & Son, Reading.	17.42	17.81	22.00
2165	WESTERN FEED MANUFACTURERS, INC., CHICAGO, ILL. R. E. P. Dairy Feed, -----	D. Kline's Department Store, Bolivar.	16.36	16.43	16.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.45	5.00	7.51	9.00	3 00	Corn meal, wheat bran, ground barley, ground oats, O. P. linseed oil meal, cottonseed meal, gluten feed, $\frac{1}{2}$ of 1 % salt.	As certified, -----	2592
5.94	3.50	11.81	12.00	9 10	Cottonseed meal, corn gluten feed, corn meal, ground and bolted grain screenings, wheat bran, molasses and salt.	Found also small amount small whole weed seeds.	2385
6.14	3.50	10.96	12.00	2 00	Cottonseed meal, corn gluten feed, corn meal, ground and bolted grain screenings, wheat bran, molasses and salt.	Found also small amount small whole weed seeds.	1851
5.36	5.00	9.58	10.00	2 80	Corn distillers' dried grains choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent of fine table salt.	Corn germ meal not detected.	1799
6.39	5.00	9.96	10.00	2 70	Corn distillers' dried grains choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent of fine table salt.	Found also malt sprouts.	2390
4.95	4.00	5.64	8.00	2 35	Wheat bran (with screenings not exceeding mill run), pure ground oats, corn feed meal, cottonseed meal, O. P. oil meal, corn gluten feed, and $\frac{1}{2}$ to 1 per cent salt.	As certified, -----	2053
3.08	3.00	6.65	8-9	46 00	Linseed oil meal, gluten feed, brewers' dried grains wheat bran and molasses.	As certified, -----	2293
3.58	4.00	12.48	12.00	2 15	Bran, standard middlings, gluten feed, cottonseed meal, wheat, barley and Kaffir screenings, alfalfa meal, corn feed meal, O. P. oil meal, oat shorts, molasses and $\frac{1}{2}$ of 1% salt.	Corn gluten feed and alfalfa meal not detected. Found also a large amount of oat hulls.	2165



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1730	L. E. YAGEL, MILLMONT, PA. Yagel's Dairy Feed, -----	L. E. Yagel, Millmont,	8.24	20.31	20.00
2054	YOUNGSVILLE MILLING CO., YOUNGSVILLE, PA. *E Dairy Ration, -----	Youngsville Milling Co., Youngsville.	9.16	18.97	20.00
1745	H. C. ZACHARIAS, BRANDTS- VILLE, PA. Monroe Dairy Ration, -----	H. C. Zacharias, Brandts- ville.	7.26	25.13	24.00
1990	PROPRIETARY STOCK, HORSE AND MULE FEED. THE AKRON FEED & MILLING CO., AKRON, OHIO. Portage Stock Feed, -----	Grover C. Hughes, Waynesburg.	9.68	8.94	8.00
2478	Portage Stock Feed, -----	McFarland Supply Co., Greensburg.	8.95	9.31	8.00
2443	Portage Stock Feed, -----	J. A. Mengel, Freedom,	7.90	8.19	8.00
2684	Portage Stock Feed, -----	E. S. Thomas, Hol- sopple.	8.14	8.38	8.00
1916	AMERICAN DEALERS TRADING CORPORATION, TYRONE, PA. *Cumbo Horse Feed, -----	James McNellis, Hast- ings.	15.52	8.82	9.00
2652	AMERICAN MILLING CO., PEO- RIA, ILL. Kick-A-Poo Horse Feed, -----	Peter Shaffer & Son, New Brighton.	9.88	11.56	10.00
1901	Sucrene Horse and Mule Feed, -----	B. S. Stauffer & Co., Lawn.	10.22	9.54	9.00
2206	ARCADY FARMS MILLING CO., CHICAGO, ILL. Clover Leaf Mills Stock Feed, -----	W. H. Densham, Morris- dale.	10.95	9.13	9.00
2116	Cloverdale Horse Feed, -----	Edwin F. Stover, Per- kasie,.	21.50	10.75	9.00

\*Not registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.38	5.25	8.42	8.95	2 20	43% cottonseed meal, old process linseed meal, choice gluten, dried brewers' grains, wheat bran and middlings, corn bran, ear corn and oats chop, 1½% salt.	Found also small amount ground grain screenings.	1730
5.98	4.00	6.84	8.00	2.25	-----	Corn distillers' grains, oat meal mill by-products (oat middlings, oat hulls, oat shorts), linseed oil meal, cottonseed meal, barley, oats and molasses.	2054
3.29	5.00	8.94	10.00	2 55	Malted wheat, brewers' grains, corn and barley meal, beet pulp, wheat bran, cottonseed meal, soybean meal, linseed meal and salt.	Found also malt sprouts.	1745
3.02	3.00	11.83	12.00	2 15	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	As certified, -----	1990
2.82	3.00	13.88	12.00	2 20	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	Barley not detected,	2478
2.02	3.00	12.25	12.00	38 00	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	Salt not detected. Found also wheat. Both white and yellow corn present.	2443
3.02	3.00	14.75	12.00	45 00	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	As certified, -----	2684
3.17	3.00	6.33	12.00	2 35	Cracked corn, alfalfa meal, oat meal mill by-products (oat middlings, oat hulls, oat shorts), whole oats crimped and molasses.	As certified, -----	1916
3.45	2.50	5.93	10.00	2 60	Corn, oats, barley, alfalfa, molasses and salt.	Barley not detected,	2652
2.95	2.50	10.87	12.00	1 95	Molasses, corn, oats, oat middlings, oat hulls, oat shorts, barley and salt.	Found also large amount of wild oats.	1901
3.91	3.50	12.68	12.00	2 25	Hominy feed, corn feed meal, flour middlings, oat meal mill by-products (oat middlings, oat hulls, oat shorts), ½ of 1% fine table salt.	As certified, -----	2206
3.81	2.50	6.55	11.00	2 35	Cracked corn, crimped oats, alfalfa meal, molasses and ½ of 1% fine table salt.	Salt not detected, ---	2116

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	J. J. BADENOCH COMPANY, CHICAGO, ILL.		%	%	%
2582	Special Stock Feed, -----	E. A. Stear & Sons, Smicksburg.	9.15	11.50	8.00
2585	Special Stock Feed with Molasses,--	E. A. Stear & Sons, Smicksburg.	13.16	8.79	8.00
2613	CORN PRODUCTS REFINING CO., NEW YORK, N. Y. Corn-Pro Horse and Mule Feed, ----	Blank & Gottshall Co., Inc., Sunbury.	14.17	10.85	9.00
2509	THE ALBERT DICKINSON CO., CHICAGO, ILL. Dickinson's Hobby Horse Feed, ----	J. A. Gault Co., Kittan- ning.	15.40	10.06	9.00
2236	Dickinson's Hobby Horse Feed, ----	Hudson & Kuhn, Greens- burg.	17.16	10.37	8.00
2475	Dickinson's Hobby Horse Feed, ----	Latrobe Feed Supply Co., Latrobe.	15.83	10.25	9.00
2520	Stag Stock Feed, -----	Thomas Hammon, Pitts- burgh.	9.55	10.33	10.00
1671	EMPORIUM MILLING COMPANY, EMPORIUM, PA. Emporium Feed, -----	Emporium Milling Com- pany, Emporium.	7.19	5.56	7.63
2104	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Lancaster 60 Horse Feed,	Great Valley Mills, Pa- oli.	14.18	10.62	9.00
2075	Eshelman's Red Rose 85 Horse Feed.	N. G. Euchus, Downin- g-town.	15.95	10.41	9.00
2243	Eshelman's Red Rose 85 Horse Feed	Speacht Brothers, Potts- ville,	15.66	9.64	9.00
1765	Eshelman's Red Rose 85 Horse Feed.	Wilkes-Barre Milling Co., Wilkes-Barre.	14.82	11.25	9.00
1951	Eshelman's Steer Feed, -----	E. B. Fritz & Sons Co., Quarryville.	10.98	17.26	8.00
2240	Eshelman's Stock Feed, -----	Speacht Brothers, Potts- ville.	9.74	8.31	10.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.15	3.00	12.20	12.00	2 50	Corn feed meal, oat middlings, oat shorts, oat hulls, wheat middlings, ground barley, ground wheat screenings, calcium carbonate and salt.	As certified, ----- Barley present in trace.	2582
4.76	3.00	9.71	12.00	2 50	Hominy feed, corn feed meal, ground oats, oat middlings, oat hulls, oat shorts, wheat middlings, ground barley, ground millo, salt, limestone carbonate, ground wheat screenings and molasses.	Found also small amount small whole weed seeds.	2585
3.01	2.50	10.66	10.00	2 00	Cracked corn, rolled oats, alfalfa meal, corn sugar molasses and salt.	As certified, -----	2613
3.76	1.50	9.02	15.00	2 55	Corn, oats, molasses, alfalfa meal.	As certified, -----	2509
2.83	1.50	9.44	15.00	2 40	Corn, oats, molasses, alfalfa meal.	As certified, -----	2236
3.32	1.50	10.83	15.00	2 60	Corn, oats, molasses, alfalfa meal.	As certified, -----	2475
3.25	3.00	12.59	12.00	2 40	Cottonseed meal, corn feed meal, wheat middlings, oat meal, mill by-products, (oat middlings, oat hulls, oat shorts), 1% salt.	As certified, -----	2520
2.74	2.97	20.44	9.00	2 15	Corn, oats, oat hulls, oat middlings.	Found large amount oat hulls.	1671
2.52	2.50	8.26	10.00	2 60	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½% salt.	Salt not detected, ---	2104
3.56	3.00	5.09	10.00	2 50	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	Salt not detected, ---	2075
3.43	3.00	5.21	10.00	2 50	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	As certified, -----	2243
3.39	3.00	6.99	10.00	2 25	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	As certified, -----	1765
4.40	2.50	10.56	10.00	1 70	Cocoonut oil meal, cane molasses, cottonseed meal, soybean meal, oat meal mill by-products (oat middlings, oat hulls, oat shorts), reground grain screenings, ½% calcium carbonate, ½ of 1% salt.	Soybean meal not detected. Found also small amount small whole weed seeds.	1951
3.61	3.00	12.06	10.00	2 25	Corn feed meal, hominy feed, ground barley, ground oats, wheat middlings, oat meal mill by-products (oat middlings, oat hulls, oat shorts) ½% salt.	Salt not detected, ---	2240

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
2308	GLOBE ELEVATOR CO., BUFFALO, N. Y. Buffalo Stock Feed, -----	Scandinavian Store, Houtzdale,	11.07	10.33	10.00
2524	HALES & HUNTER CO., CHICAGO, ILL. Kingfalfa Horse Feed, -----	Adam Deihl & Son, Pittsburgh.	15.41	10.06	10.00
1843	Kingfalfa Horse Feed, -----	Jeffreys Brothers, McKeesport.	11.74	11.36	10.00
2248	DWIGHT HAMLIN, INC., PITTSBURGH, PA. Century Horse Feed, -----	The W. A. Hewes Co., Pottsville.	19.27	6.99	6.00
1850	Hamlin's Stock Feed, -----	R. C. Mountser, Charleroi.	7.39	8.75	8.00
2427	Hamlin's Stock Feed, -----	Joseph P. Warne & Co., Monongahela.	8.30	7.88	5.00
2144	ILLINOIS FEED & ELEVATOR COMPANY, BLOOMINGTON, ILL. Illinois Horse Feed, -----	J. K. Lawson, Washington.	13.39	9.81	10.00
2302	Special Stock Feed, -----	John Higgins, Houtzdale.	8.57	9.06	8.00
2563	Special Stock Feed, -----	West Tyrone Flour Mill, Tyrone.	6.08	8.94	8.00
2061	JAMESTOWN ELECTRIC MILLS, JAMESTOWN, N. Y. Jem Stock Feed, -----	Jamestown Electric Mills Akeley.	10.32	11.19	11.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.74	3.00	10.43	12.00	45 00	Ground barley, corn bran, corn meal, cottonseed meal, hominy feed, oat hulls, oat middlings, oat shorts, old process oil meal, wheat middlings (may contain mill run ground screenings), salt.	As certified, -----	2308
2.46	2.00	9.98	15.00	2 50	Cracked corn rolled oats, rolled barley, clipped oat by-products, alfalfa meal and molasses.	As certified, -----	2524
3.55	2.00	9.00	12.00	2 25	Cracked corn, rolled oats, rolled barley, clipped oat by-products, alfalfa meal and molasses.	As certified, -----	1843
1.90	2.00	6.66	10.00	2 40	Corn, oats, alfalfa meal, oat meal by-products (oat shorts, oat middlings, oat hulls), molasses.	As certified, -----	2248
3.62	2.50	11.79	12.00	2 00	Ground corn, ground oats, oat shorts, oat middlings, oat hulls.	As certified, -----	1850
3.27	2.50	12.30	12.00	29 00	Ground corn, ground oats, ground barley, oat shorts, oat hulls, oat middlings.	Barley not detected.	2427
3.37	2.50	5.38	12.00	2 25	Corn, oats, barley, alfalfa, molasses and salt.	As certified, -----	2144
3.55	3.00	12.15	12.00	44 00	Whole ground corn, corn feed meal, hominy feed, whole ground barley, whole ground wheat, whole ground oats, whole ground Kaffir corn, oat meal mill by-products (oat middlings, oat flour, oat hulls).	As certified, -----	2302
3.55	3.00	10.76	12.00	54 00	Whole ground corn, corn feed meal, hominy feed, whole ground barley, whole ground wheat, whole ground oats, whole ground Kaffir corn, oat meal mill by-products (oat middlings, oat flour, oat hulls).	As certified, -----	2568
3.45	5.00	8.78	9.00	2 05	O. P. oil meal, ground corn, hominy feed, ground oats, corn germ meal, 500 lbs. of oat meal mill by-product (oat middlings, oat shorts, re-ground oat hulls), one-half of one per cent of fine salt.	Corn germ meal not detected.	2061

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
2156	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Badger Stock Feed, -----	McCollum Company, Washington.	% 7.77	% 10.88	% 9.00
1822	Badger Stock Feed, -----	William J. Sybert, Nanty-Glo.	8.81	9.06	10.00
1984	Badger Stock Feed, -----	Waynesburg Milling Co., Waynesburg.	9.34	9.04	10.00
2545	Badger Stock Feed, -----	R. C. Wilson, Dayton,	9.42	11.13	10.00
1820	Krause Horse Feed, -----	William J. Sybert, Nanty-Glo.	12.86	11.81	10.00
2328	Pep Horse Feed, -----	Helper-McNaughton, New Alexandria.	13.22	10.52	10.00
2077	Pep Horse Feed, -----	Pollock's Feed Mill, Downingtown,	14.75	11.67	10.00
2580	THE LADISH COMPANY, MILWAUKEE, WIS. Pittsburgh Stock Feed, -----	F. M. Edwards & Sons, Shelocta.	7.90	8.31	8.00
2579	Special Stock Feed, -----	F. M. Edwards & Sons, Shelocta.	8.35	9.19	8.00
2147	LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO. Harteno Horse Food, -----	Russell Brothers, Wash- ington.	13.59	10.31	10.00
1918	THE McMILLEN COMPANY, FORT WAYNE, IND. Jumbo Stock Feed with Molasses,	James McNelis, Hast- ings.	10.03	8.81	8.00
1748	MARITIME MILLING COMPANY, BUFFALO, N. Y. Bull Brand Stock Feed, -----	Walker, Diehl & Walker, Chambersburg.	7.58	10.44	10.00
1717	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Mihimico Stock Feed, -----	Miner-Hillard Milling Co., Wilkes-Barre.	7.62	13.06	13.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.65	3.00	14.53	10.00	1 90	Badger hominy feed, oat meal mill by-product (oat hulls, oat middlings, oat shorts), salt.	As certified, -----	2156
2.88	3.00	13.75	12.00	2 00	Badger hominy feed, oat meal mill by-product (oat hulls, oat middlings, oat shorts), salt.	As certified, -----	1822
2.85	3.00	12.95	11.00	2 15	Badger hominy feed, oat meal mill by-product (oat hulls, oat middlings, oat shorts), salt.	Salt not detected, ---	1984
3.58	3.00	14.53	12.00	2 25	Badger hominy feed, oat meal mill by-product (oat hulls, oat middlings, oat shorts), salt.	As certified, -----	2545
2.94	2.50	7.39	10.00	2 45	Corn, oats, alfalfa meal, molasses and salt.	As certified, -----	1820
3.66	3.00	5.49	10.00	2 35	Corn, oats, alfalfa meal, molasses and salt.	Salt not detected. Found also small amount wild oats.	2328
3.30	3.00	5.43	10.00	2 40	Corn, oats, alfalfa meal, molasses and salt.	Salt not detected, ---	2077
2.72	3.00	16.56	10.00	2 40	Hominy feed, ground corn, ground oats, oat middlings, oat hulls, oat shorts and salt.	As certified, -----	2580
3.02	3.00	15.80	12.00	2 40	Hominy feed, ground oats, wheat bran, oats, middlings, oat shorts, oat hulls, corn meal and salt.	As certified, -----	2579
4.33	4.25	7.78	7.00	2 25	Oats, corn, bran and molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	2147
3.13	3.00	9.47	12.00	2 25	Ground corn, ground oats, ground barley, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, oats, barley, Kaffir, molasses.	Barley and Kaffir screenings not detected.	1918
4.32	4.00	15.01	10.00	2 10	Hominy feed, corn feed meal, linseed oil meal, wheat middlings, ground oats, oat hulls and oat shorts, $\frac{3}{4}$ of 1% salt, (wheat middlings may contain mill run ground screenings).	Found also small amount small whole weed seeds and ground wild oats.	1748
3.93	5.00	7.57	10.00	2 40	Alfalfa meal, hominy feed, wheat middlings, rye middlings, corn, oats, corn oil meal and salt.	As certified, -----	1717

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
2267	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Fidelity Stock Feed, -----	H. M. Brown, Indiana,	% 5.75	% 8.69	% 8.00
2151	Marathon Horse Feed, -----	Farmers Milling Corpora- tion, Washington.	15.89	8.60	6.50
2018	THE PARK & POLLARD COM- PANY, BUFFALO, N. Y. Arlington Horse Feed, -----	S. H. Pennypacker & Son, Kimberton.	11.06	11.34	9.00
2310	Belmont Horse Feed, -----	Harry P. Freas, Dun- more.	13.85	10.34	10.00
2312	The Park & Pollard Co., Stock Feed,	Harry P. Freas, Dun- more.	8.34	8.88	8.00
2702	PARK & POLLARD CO. OF IL- LINOIS, CHICAGO, ILL. *P. & P. Mo'asses Alfalfa Horse Feed 60% Grain.	Webster Flour Mills, Webster.	13.74	10.40	10.00
2707	P. & P. Stock Feed, -----	J. A. McKelvey, Blairs- ville.	8.21	7.25	9.00
2331	Wizard Sugared Stock Feed, -----	Thomas K. George, Homer City.	9.46	10.31	8.00
1849	M. C. PETERS MILL COMPANY, OMAHA, NEBR. Peters' Arab Horse Feed, -----	R. C. Mountser, Char- leroi.	12.28	11.80	10.00
1834	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Bestever Horse Feed, -----	R. J. Toepfer, Taren- tum.	10.31	10.53	9.00
1837	Emerald Horse Feed, -----	A. E. Klugh, New Ken- sington.	11.20	10.80	9.00
2479	Emerald Horse Feed, -----	McFarland Supply Co., Greensburg.	15.59	10.03	8.00
2521	Lexington Horse Feed. -----	Thomas Hammon, Pitts- burgh.	15.38	7.43	8.00
2506	Lexington Horse Feed, -----	Pollock Flour & Feed Co., Ford City.	14.54	8.92	8.00

\*Not registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.79	3.00	12.11	12.00	1 70	Ground oats, corn feed meal, hominy feed, wheat middlings, salt $\frac{1}{2}$ of 1%, oat feed, (oat middlings, oat shorts and oat hulls).	As certified, -----	2267
2.80	1.50	8.42	12.00	2 35	Cracked corn, oats, molasses, $\frac{3}{4}$ of 1% salt, alfalfa meal, oat feed, oat middlings, oat hulls.	As certified, -----	2151
4.20	2.50	7.27	11.00	2 25	Cracked corn, crimped oats, wheat bran, molasses and $\frac{1}{2}$ of 1% fine table salt.	Salt not detected, ---	2018
3.52	2.00	7.59	12.00	43 70	Cracked corn, crimped oats, alfalfa meal, molasses and $\frac{1}{2}$ of 1% fine table salt.	Salt not detected, ---	2310
6.40	2.50	7.45	12.00	36 70	Ground barley, ground corn, ground oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate and salt.	As certified, -----	2312
3.54	2.00	8.75	14.00	2 40	Cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Barley not detected, ---	2702
2.68	1.50	12.44	10 00	2 40	Ground corn, hominy feed, oat feed.	As certified, -----	2707
7.21	3.00	8.49	10.00	2 00	Corn feed meal, ground oat shorts, oat midds, oat hulls, ground oats and wheat, salt and carbonate of lime, sugar.	Found also small amount of wild oats.	2331
2.64	2.00	9.82	15.00	2 50	Corn, alfalfa, oats, molasses.	As certified, -----	1849
3.77	2.00	6.91	15.00	2 20	Crimped oats, cracked corn, barley, alfalfa meal and molasses.	As certified, -----	1834
2.54	2.00	10.00	15.00	2 50	Ground oats, sifted cracked corn, ground barley, alfalfa meal and molasses.	As certified, -----	1837
3.20	2.50	8.34	12.00	2 50	Clipped oats, sifted cracked corn, alfalfa meal and molasses.	As certified, -----	2479
1.94	2.00	9.28	12.00	2 60	Crimped oats, cracked corn crimped barley screenings, alfalfa meal, oat shorts, oat feed, molasses and ground grain screenings.	As certified, -----	2521
2.25	2.00	10.14	12.00	2 50	Crimped oats, cracked corn, crimped barley screenings, alfalfa meal, oat shorts, oat feed, molasses and ground grain screenings.	As certified, -----	2506



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2561	Prairie State Stock Feed, -----	C. A. Marshall, Imperial,	9.56	9.63	8.00
2505	Prairie State Stock Feed, -----	Pollock Flour & Feed Co., Ford City.	9.72	9.44	8.00
1833	Prairie State Stock Feed, -----	R. J. Toepper, Tarentum.	7.42	8.13	8.00
2697	Prairie State Stock Feed, -----	Western Flour Co., Monessen.	7.01	10.19	8.00
1956	PURITY OATS COMPANY, CHICAGO, ILL. Iowa Stock Feed, -----	S. Book & Brother, Quarryville.	8.08	10.38	10.00
1917	Iowa Stock Feed, -----	James McNelis, Hastings.	8.92	10.69	10.00
1919	THE QUAKER OATS CO., CHICAGO, ILL. Green Cross Horse Feed, -----	F. E. Farabaugh, Patton.	14.80	11.73	10.00
2327	Green Cross Horse Feed, -----	Helper-McNaughton, New Alexandria.	13.59	11.76	10.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.93	2.50	9.93	12.00	-----	Corn feed meal, hominy feed, ground grain screenings, standard wheat middlings, ground barley and oat feed (oat shorts, oat hulls, oat middlings), barley feed from the mfg. of pearl barley.	As certified, -----	2561
2.62	2.50	14.73	12.00	2 35	Corn feed meal, hominy feed ground grain screenings, standard wheat middlings, ground barley, oat shorts, oat hulls, oat middlings, barley feed from the manufacture of pearl barley.	As certified, -----	2505
2.45	2.50	15.46	12.00	1 90	Barley feed by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls.	As certified, -----	1833
3.39	2.50	12.94	12.00	2 10	Corn feed meal, hominy feed, ground grain screenings, standard wheat middlings, ground barley and oat feed (oat shorts, oat hulls, oat middlings), barley feed from manufacture of pearl barley.	As certified, -----	2097
5.77	4.50	10.21	10.00	2 10	Hominy feed, corn meal, wheat flour middlings, oatmeal mill by-products (oat middlings, oat hulls, oat shorts), and 1% salt.	As certified, -----	1956
5.72	5.50	9.92	12.00	2 35	White hominy feed, red dog flour, re-ground oat feed.	As certified, -----	1917
2.83	2.50	9.09	12.00	2 20	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-product, (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	1919
3.02	50	11.20	12.00	2 50	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-product, (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt.	Salt not detected, ---	2327

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2252	Green Cross Horse Feed, -----	Jalappa Grain Elevator, Pottsville.	16.95	10.87	10.00
1777	Green Cross Horse Feed, -----	Schooley & Son, Lu- zerne.	13.33	12.28	10.00
1791	Schumacher Feed, -----	John M. Burkholder, Hummelstown.	6.99	11.81	10.00
2674	Schumacher Feed, -----	L. M. Lewis, Indiana,	9.84	11.19	10.00
2316	Sugared Schumacher Feed, -----	The S. K. Barber Co., Pittston.	9.11	10.13	10.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.68	2.50	10.31	12.00	2 35	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-product, (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	2252
2.73	2.50	11.62	12.00	2 35	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	1777
4.43	3.25	11.23	12.00	2 20	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground screenings not exceeding mill run), oatmeal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt.	As certified, -----	1791
4.28	3.25	10.91	12.00	2 40	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, O. P. linseed oil meal, low grade wheat flour, wheat middling with ground screenings not exceeding mill run, oatmeal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $1\frac{1}{2}\%$ calcium carbonate.	As certified, -----	2674
3.24	3.25	10.68	12.00	35 80	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $1\frac{1}{2}\%$ Calcium carbonate, molasses.	As certified, -----	2315

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
2522	Sugared Schumacher Feed, -----	Adam Diehl Sons, Pittsburgh.	% 8.92	% 11.69	% 10.00
2658	Sugared Schumacher Feed, -----	The Hex Milling Co., Shamokin	7.53	10.94	10.00
2304	Sugared Schumacher Feed, -----	John Higgins, Houtzdale,	8.33	10.75	10.00
2380	Sugared Schumacher Feed, -----	Jefferson Flour & Feed Co., Punxsutawney.	10.19	10.44	10.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$	.		
3.77	3.25	11.80	12.00	2 50	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $1\frac{1}{2}$ Calcium carbonate, molasses.	As certified, -----	2522
3.87	3.25	11.22	12.00	2 50	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $1\frac{1}{2}$ Calcium carbonate, molasses.	As certified, -----	2658
3.57	3.25	10.68	12.00	44 00	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $1\frac{1}{2}$ Calcium carbonate, molasses.	As certified, -----	2304
3.34	3.25	10.09	12.00	2 35	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $1\frac{1}{2}$ Calcium carbonate, molasses.	As certified, -----	2380

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2656	Sugared Schumacher Feed, -----	J. B. Roux, Farrell, ----	7.85	10.50	10.00
2342	Sugared Schumacher Feed, -----	Western Flour Company, Charleroi.	8.76	10.75	10.00
1823	White Diamond Stock Feed Fine, --	Brothers & Tibbott, Ebensburg.	7.93	9.50	8.50
2598	QUISENBERRY FEED MANUFACTURING CO., BUFFALO, N. Y. Buffalo Stock Feed, -----	Keystone Flour & Feed Co., Punxsutawney.	9.12	11.50	10.00
2474	RAILSTON PURINA CO., INC., ST. LOUIS, MO. Bulky Las Feed, -----	B. Lindner, New Kensington.	15.22	11.02	9.00
2372	Purina O-Molene Feed, -----	L. A. Fischer & Co., Inc., Bradford.	14.78	12.35	9.70
2470	Purina O-Molene Feed, -----	Pittston Milling Co., Pittston.	14.45	11.05	9.70
2699	ROSENBAUM BROTHERS, CHICAGO, ILL. Special Sugared Stock Feed, -----	Western Flour Co., Monessen.	10.45	13.05	9.00
2367	JESSE C. STEWART CO., PITTSBURGH, PA. Red Letter Alfalfa Horse Feed, ----	H. H. Lysinger & Son, Bedford.	16.62	9.51	9.00
2258	TOLEDO GRAIN AND MILLING CO., TOLEDO, OHIO. Camp's Corn, Oats and Molasses, --	W. P. Lauster, Yatesboro.	12.12	10.27	9.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.05	3.25	11.71	12.00	2 00	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $\frac{1}{2}$ Calcium carbonate, molasses.	As certified, -----	2656
3.42	2.25	11.61	12.00	33 00	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, $\frac{1}{2}$ Calcium carbonate, molasses.	As certified, -----	2342
2.75	2.50	8.35	12.00	2 25	Ground corn, hominy feed, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	1823
3.82	3.00	13.05	12.00	2 50	Ground barley, corn bran, corn meal, cottonseed meal, hominy feed, ground oats, oat hulls, oat middlings, oat shorts, old process oil meal, wheat middlings (may contain mill run of ground screenings), salt.	As certified, -----	2598
3.22	2.00	12.65	14.00	2 50	Alfalfa meal, corn bran, beet pulp, cane molasses and salt.	As certified, -----	2474
4 10	3.20	7.92	8.00	2 75	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal (old process), and 1% salt.	As certified, -----	2372
3.93	3.20	6.97	8.00	2 95	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal (old process), and 1% salt.	As certified, -----	2470
8.31	2.50	9.45	11.00	1 90	Corn feed meal, cottonseed meal, screenings, molasses and $\frac{1}{2}$ of 1% salt.	Salt not detected, ----	2699
3.10	0.50	8.73	14.00	2 45	Corn, oats, alfalfa and cane syrup.	As certified, -----	2367
3.90	3.50	6.39	7.00	2 30	Sifted cracked corn, oats and molasses.	As certified, -----	2258

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2335	Camp's Invincible Alfalfa Feed, ----	F. C. Adams, Clymer, ---	12.15	10.38	10.00
2708	Camp's Invincible Alfalfa Feed, ----	J. A. McKelvey, Blairs- ville.	13.20	10.17	10.00
2484	Camp's Invincible Alfalfa Feed, ----	J. Harvey Miller, Ligonier.	13.70	10.72	10.00
2196	Camp's Invincible Alfalfa Feed, ----	J. O. Reed, Philipsburg,	16.53	10.82	10.00
	F. S. WERTZ & SON, READING, PA.				
2295	Alfalfa-Molasses Horse and Mule Feed.	F. S. Wertz & Son, Read- ing.	16.19	9.72	9.00
2294	Faramel Horse Feed, -----	F. S. Wertz & Son, Read- ing.	17.05	10.43	9.00
	WESTERN FEED MANUFAC- TURERS, INC., CHICAGO, ILL.				
2164	Ful-O-Pep Grain Horse Feed, -----	D. Kline's Department Store, Bolivar.	16.09	9.83	9.00
2161	Plentegrain Horse Feed, -----	D. Kline's Department Store, Bolivar.	16.24	9.07	8.00
2691	Plentegrain Horse Feed, -----	D. Kline's Department Store, Bolivar.	14.80	10.09	8.00
2163	Quartergrain Horse Feed, -----	D. Kline's Department Store, Bolivar.	18.64	8.74	7.00
2690	Quartergrain Horse Feed, -----	D. Kline's Department Store, Bolivar.	15.36	8.67	7.00
2689	*Sugared Sure-Pay Stock Feed, -----	D. Kline's Department Store, Bolivar.	11.45	10.20	10.00
	PROPRIETARY CALF MEAL. JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
2108	Eshelman's Calf Meal, -----	Great Valley Mills, Paoli,	10.31	22.38	16.00
	THE QUAKER OATS CO., CHICAGO, ILL.				
2080	Schumacher Calf Meal, -----	J. W. Maxwell & Son, East Downingtown.	8.67	21.88	18.00

\*Not registered.

## FEEDING STUFFS COLLECTED IN 1924--Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.90	2.00	7.06	12.00	2 40	Corn, oats, alfalfa meal, molasses.	As certified, -----	2335
3.45	2.00	7.56	12.00	2 85	Corn, oats, alfalfa meal, molasses.	As certified, -----	2708
3.22	2.00	6.45	12.00	2 50	Corn, oats, alfalfa meal, molasses.	As certified, -----	2484
3.76	2.00	5.43	12.00	2 50	Corn, oats, alfalfa meal, molasses.	As certified, -----	2196
3.51	2.00	6.85	15.00	48 00	Crushed oats, cracked corn, alfalfa and molasses.	As certified, -----	2295
3.53	4.00	6.13	6.00	47 00	Crushed oats, cracked corn, wheat bran and molasses.	As certified, -----	2294
3.83	3.00	5.91	10.00	2 45	Cracked corn, crushed oats, alfalfa meal and molasses.	As certified, -----	2164
2.92	3.00	10.27	15.00	2 35	Cracked corn, crushed oats, oat hulls, alfalfa meal, reground oat feed and molasses.	As certified, -----	2161
1.81	3.00	12.67	15.00	2 50	Cracked corn, crushed oats, oat hulls, alfalfa meal, reground oat feed and molasses.	As certified, -----	2691
1.50	2.00	13.54	14.00	2 10	Cracked corn, crushed oats, oat hulls, alfalfa meal, reground oat feed and molasses.	As certified, -----	2163
1.73	2.00	13.60	14.00	2 40	Cracked corn, crushed oats, oat hulls, alfalfa meal, reground oat feed and molasses.	As certified, -----	2690
2.09	3.50	11.46	12.00	2 30	Hominy feed, O. P. oil meal, ground oats, oat meal mill by-products (oat shorts, oat middlings, oat hulls,) wheat middlings with mill run screenings, ground barley, molasses, $\frac{1}{2}$ of 1% salt.	Salt not detected, ----	2689
5.91	3.00	3.87	3.00	4 50	Cooked and baked wheat feed, old process linseed meal, wheat middlings, wheat flour, oat meal, ground Kaffir corn, blood meal, pure ground flaxseed 2%.	As certified, -----	2108
8.82	8.00	2.12	4.00	5 00	Oatmeal, ground flaxseed, ground puffed wheat, old process linseed oil meal, milk albumen, boiled and sterilized blood flour, $\frac{1}{2}$ of 1% bicarbonate of soda.	As certified, -----	2080

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
1947	RYDE & COMPANY, CHICAGO, ILL. Ryde's Cream Quality Calf Meal, --	Quarryville Farmers' Association, Quarryville.	% 11.23	% 25.81	% 25.00
2389	THE UBIKO MILLING CO., CINCINNATI, OHIO. Ubiko Calf Meal, -----	Haney-Frazier Milling & Elevator Co., Riverside	10.87	28.50	28.00
1885	Ubiko Calf Meal, -----	W. W. Kalb, Sunbury, --	10.81	33.44	28.00
2175	PROPIETARY SWINE FEED. BERGIN & COMPANY, NANTICOKE, PA. Pig Feed, -----	Bergin & Company, Nanticoke.	10.67	14.19	13.00
2237	THE ALBERT DICKINSON COMPANY, CHICAGO, ILL. Rival Hog Feed, -----	Hudson & Kuhn, Greensburg.	10.15	14.13	12.50
1910	Rival Hog Feed, -----	S. C. S. Wholesale Co., Barnesboro.	8.53	14.06	12.50
2038	THE HELLER MILLING CO., WAPWALLOPEN, PA. Hog Meal, -----	The Heller Milling Co., Wapwallopen.	9.34	18.38	-----
1793	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Homohog The Pork Maker, -----	John M. Burkholder, Hummelstown.	9.74	13.66	13.00
2257	MARION CENTER MILLING CO., MARION CENTER, PA. Penna. Hog Feed, -----	Marion Center Milling Co., Marion Center.	9.30	16.38	18.50
2230	J. E. PRITTS, SCOTTDAL, PA. Pritts' Pig Feed, -----	J. E. Pritts, Scottdale,	11.80	15.66	-----
2410	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA. Mt. Rock Hog Feed, -----	Spanogle-Yeager Milling Co., Lewistown.	9.47	14.52	-----
2606	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y. Ti-O-Ga Brand Sow and Pig Feed, --	H. L. Garrison & Brother Berwick.	9.98	19.63	16.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.77	5.00	5.64	6.75	5 00	Wheat flour, linseed oil meal, re-cleaned cottonseed meal, cocoanut oil meal, beans and lentils, hominy feed, locust bean meal, blood flour, ground flaxseed, malt flour, cocoa shell meal, dried milk, calcium carbonate, focnugreek, anise and salt.	Locust bean meal not detected.	1947
3.13	3.00	2.66	3.00	5 00	Corn meal, wheat red dog, O. P. linseed meal, blood meal, bone meal, dried skim milk.	As certified, -----	2389
2.64	3.00	1.80	3.00	2 75	Corn meal, wheat red dog, O. P. linseed meal, blood meal, bone meal, dried skim milk.	As certified, -----	1885
5.01	4.00	4.65	4.00	2 50	Corn meal, tankage, wheat middlings.	As certified, -----	2175
4.98	3.00	8.69	12.00	2 30	Linseed oil meal, corn feed meal, alfalfa meal, ground screenings from wheat, oats, barley and Kaffir, 1% salt.	Found also screenings from corn and buckwheat and a small amount small whole weed seeds.	2237
4.56	3.00	8.36	12.50	2 85	Linseed oil meal, corn feed meal, alfalfa meal, ground screenings from wheat, oats, barley and Kaffir, 1% salt.	As certified, -----	1910
5.16	-----	6.53	-----	2 75	Corn, oats, wheat middlings, and 60% tankage.	As certified, -----	2038
4.62	6.00	3.28	4.50	2 90	Badger hominy feed, (either white or yellow) tankage, corn meal and salt.	Salt not detected, ----	1793
5.09	4.96	4.29	4.50	2 40	Corn chop, wheat bran, oil meal, tankage.	As certified, -----	2237
4.56	-----	7.22	-----	2 30	Beet pulp, alfalfa meal, oil meal, tankage, bran, middlings, corn chop, charcoal.	As certified, -----	2210
4.22	-----	8.33	-----	2 25	Corn, corn feed meal, oats, oil meal, cottonseed meal, corn gluten and alfalfa meal.	Found also wheat bran and ground grain screenings.	2410
6.10	3.00	7.01	8.00	2 70	Wheat middlings, linseed oil meal, corn feed meal, wheat bran, cocoa oil meal, cane molasses, 2½% phosphate of lime.	Found also small amount ground grain screenings.	2606

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	WESTERN FEED MANUFACTURERS INC., CHICAGO, ILL.		%	%	%
2162	R. E. P. Hog Feed, -----	D. Kline's Department Store, Bolivar.	9.27	17.69	12.00
	PROPRIETARY AND MISCELLANEOUS CHOP FEED.				
	CORN MEAL.				
	EULALIA MILLING CO., INC., COUDERSPORT, PA.				
1680	Corn Meal, -----	Eulalia Milling Co., Coudersport.	14.13	8.75	-----
	McCAULEY-McKAY CO., BROCKWAYVILLE, PA.				9.75 to 10.75
2488	Pure Corn Meal, -----	McCauley-McKay Brockwayville.	13.28	11.19	-----
	PITTSTON MILLING CO., PITTSTON, PA.				
2468	Pure Corn Meal, -----	Pittston Milling Co., Pittston.	11.93	10.38	-----
	SMITH BROTHERS, INC., BRADFORD, PA.				
2374	Pure Corn Meal, -----	Smith Brothers, Inc., Bradford.	14.39	9.63	9.50
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, O.				
2587	Camp's Yellow Coarse Corn Meal, --	A. F. McClure, Big Run,	11.64	9.41	9.00
	C. E. WILSON, RUSSELL, PA.				
2060	Corn Meal, -----	C. E. Wilson, Russell, --	15.45	9.69	-----
	YOUNGSVILLE MILLING COMPANY, YOUNGSVILLE, PA.				
2056	Corn Meal, -----	Youngsville Milling Company, Youngsville.	13.62	9.81	-----
	CORN CHOP.	Average, -----	13.49	9.82	-----
	BIG RUN MILLING CO., BIG RUN, PA.				
2594	Corn Chop, -----	A. F. McClure, Big Run,	12.56	10.81	9.00
	CITY FLOURING MILLS, INC., MUNCY, PA.				
2641	Corn Chop, -----	City Flouring Mills, Inc. Muncy.	10.51	10.75	-----
	CLINTONDALE MILLING CO., INC., CLINTONDALE, PA.				
2626	Pure Corn Chop, -----	H. Meyers' Sons, Mill Hall.	11.91	9.75	-----
	JACOB & KELLER COMPANY, ST. MARYS, PA.				
1667	Corn Chop, -----	Jacob & Keller Company, St. Marys.	12.07	9.63	-----
	KASCO MILLS, WAVERLY, N. Y.				
2044	Kasco Pure Corn Meal, -----	Metzger Wright Company, Sheffield.	13.22	9.13	-----
	RIDGWAY GRIST MILLS, RIDGWAY, PA.				
1664	Corn Chop, -----	Ridgway Grist Mills, Ridgway.	11.96	9.00	-----
	JOSEPH C. WALKER & SONS CO. GAP, PA.				
1942	Chopped Corn, -----	Joseph C. Walker & Sons Co., Gap.	11.40	9.75	-----
	G. R. WORRICK, MACKEYVILLE, PA.				
2628	Pure Corn Chop, -----	Fred E. Miller, Lock Haven.	12.25	9.36	9-11

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.44	4.00	8.88	10.00	2 25	Corn feed meal, wheat middlings, ground barley, buckwheat. Kaffir screenings, wheat, calcium carbonate, rice bran, bone meal and salt.	Buckwheat, rice bran and kaffir corn screenings not detected. Found also wheat bran, linseed oil meal, alfalfa meal, meat scrap, clover seed screenings and small amount small whole weed seeds.	2162
3.25	-----	1.50	-----	1 95	Corn meal.	As certified, -----	1680
3.86	4.50 to 5.50	1.89	2-3	2 65	Corn meal, -----	Sample slightly mouldy and damaged.	2488
4.03	-----	1.98	-----	2 70	Corn meal, -----	As certified, -----	2468
1.39	3.50	1.70	3.00	2 50	Corn meal, -----	*As certified, -----	2374
3.57	3.50	2.98	4.50	2 90	Corn meal, -----	As certified, -----	2587
3.09	-----	2.05	-----	2 00	Corn and cracked corn siftings.	Sample slightly mouldy and damaged.	2060
3.86	-----	1.96	-----	1 85	Corn and cracked corn siftings.	As certified, -----	2056
3.29	-----	2.00	-----	\$2 36			
3.65	4.00	2.10	7.00	2 90	Corn chop.	As certified, -----	2594
6.91	-----	3.81	-----	50 00	Corn chop, -----	Found also small amount oats.	2641
4.12	-----	1.87	-----	62 00	Corn chop, -----	As certified, -----	2626
3.45	-----	2.00	-----	2 10	Corn chop, -----	As certified, -----	1667
4.02	-----	2.24	-----	2 15	Ground whole corn, ---	Sample mouldy and damaged.	2044
4.07	-----	2.20	-----	2 35	Corn chop, -----	As certified, -----	1664
3.13	-----	2.53	-----	2 10	Chopped corn, -----	As certified, -----	1942
3.86	2-3.5	1.86	-----	55 00	Corn chop, -----	As certified, -----	2628

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	YARDLEY MILLS CO., INC., YARDLEY, PA.		%	%	%
2135	Corn Chop, -----	Yardley Mills Co., Inc., Yardley.	12.99	9.19	-----
	OATS CHOP. CITY FLOURING MILLS, INC., MUNCY, PA.	Average, -----	12.09	9.71	-----
2642	Oats Chop, -----	City Flouring Mills, Inc., Muncy.	7.86	12.56	-----
2634	M. E. HERR, SCHÜYLER, PA. Pure Oats Chop, -----	J. F. Hall, Mont- gomery	7.02	12.81	-----
2636	SEES MILLING CO., WILLIAMS- PORT, PA.	J. F. Hall, Mont- gomery	7.60	13.13	-----
	CORN AND OATS CHOP. ARCADY FARMS MILLING CO., CHICAGO, ILL.	Average, -----	7.49	12.83	-----
2040	Ground White Oats and Ground Yellow Corn.	The Heller Milling Co., Wapwallopen.	10.72	11.72	-----
1819	BENNETT & JAMES, VINTON- DALE, PA. Corn and Oats Chop, -----	Bennett & James, Vin- tondale.	9.85	9.81	-----
2492	BOOKWALTER & KERR, CORSICA, PA. Pure Corn and Oats Chop, -----	Bookwalter & Kerr, Corsica.	10.59	10.94	10.00
2640	CITY FLOURING MILLS, INC., MUNCY, PA. Corn and Oats Chop, -----	City Flouring Mills, Muncy.	9.62	10.80	9.25
2414	CLARION FLOUR MILLS, CLARION, PA. Fresh Ground Corn and Oats Chop, -----	Clarion Flour Mills, Clarion.	9.89	13.22	-----
2223	COMMUNITY FLOURING MILLS, BERWICK, PA. Pure Corn and Oats Chop, -----	Community Flouring Mills, Berwick.	10.25	10.56	10.00
2280	JOHN C. CRISMAN, BERWICK, PA. Pure Corn and Oats Chop, -----	John C. Crisman, Ber- wick.	11.78	10.13	9.00
2271	DANVILLE MILLING CO., DANVILLE, PA. Pure Corn and Oats Chop, -----	Danville Milling Co., Danville.	11.45	9.31	8.00
2633	G. A. DUFF, CHATHAM RUN, PA. Corn and Oats Chop, -----	G. A. Duff, Chatham Run.	10.84	10.63	-----
2066	A. DUNN & SON, TIDIOUTE, PA. Corn and Oats Chop, -----	A. Dunn & Son, Tidi- oute.	9.76	11.56	-----
1924	EBENSBURG MILLING & SUPPLY CO., EBENSBURG, PA. Corn and Oats Chop, -----	Ebensburg Milling & Supply Co., Ebens- burg.	12.71	9.75	-----
2563	W. A. ECKENRODE, CARROLL- TOWN, PA. Pure Corn and Oat Chop, -----	W. A. Eckenrode, Car- rolltown.	10.45	11.13	-----
1672	EMPORIUM MILLING COMPANY, EMPORIUM, PA. Corn and Oats Chop, -----	Emporium Milling Com- pany, Emporium.	9.68	10.88	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.15	-----	2.16	-----	2 25	Corn chop, -----	As certified, -----	2135
4.15	-----	2.30	-----	49 33			
5.36	-----	10.60	-----	44 00	Oats chop, -----	As certified, -----	2642
6.15	-----	9.50	-----	42 00	Oats chop, -----	As certified, -----	2634
5.44	-----	9.00	-----	50 00	Oats chop, -----	As certified, -----	2636
5.65	-----	9.70	-----	45 33			
4.59	-----	6.05	-----	2 25	-----	Corn and oats, -----	2040
4.02	-----	2.84	-----	2 50	Corn and oats, -----	As certified, -----	1819
3.90	4.00	5.66	6.00	2 90	Corn and oats, -----	As certified, -----	2492
6.03	4.06	6.35	5.45	50 00	Corn and oats, -----	As certified, -----	2640
4.19	-----	5.94	-----	2 60	Corn and oats, -----	As certified, -----	2414
4.08	4.00	4.96	6.00	2 15	Corn and oats, -----	Found also large amount ground wild oats.	2223
4.50	6.00	3.29	5.00	2 15	Corn and oats, -----	As certified, -----	2280
4.11	4.00	2.85	5.00	2 20	Corn and oats, -----	As certified, -----	2271
4.54	-----	4.24	-----	52 00	Corn and oats, -----	As certified, -----	2633
4.74	-----	5.16	-----	2 25	Corn and oats, -----	As certified, -----	2066
2.65	-----	3.98	-----	2 00	Corn and oats, -----	As certified, -----	1924
3.41	-----	4.34	-----	57 00	Corn and oats, -----	As certified, -----	2563
5.09	-----	4.10	-----	2 35	Corn and oats, -----	As certified, -----	1672



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.		%	%	%
2026	Corn and Oats Chop, -----	Shortlidge Brothers, West Grove.	9.82	12.75	10.00
2247	Corn and Oats Chop, -----	Speacht Brothers, Pottsville.	11.32	10.50	10.00
	EULALIA MILLING CO., COUDERSPORT, PA.				
1679	Corn and Oats Chop, -----	Eulalia Milling Co., Coudersport.	9.11	13.00	-----
	FRANKLIN MILLING CO., MIDDLEBURG, PA.				
2358	Oats and Corn Chop, -----	Franklin Milling Co., Middleburg.	10.91	11.75	-----
	H. L. GARRISON & BROTHER, BERWICK, PA.				
2609	Mixed Chop, -----	H. L. Garrison & Brother, Berwick.	11.35	10.88	10.00
	HEFTY MILLING COMPANY, WATSONTOWN, PA.				
1875	Corn and Oats Chop, -----	Hefty Milling Company, Watsonstown.	8.83	13.44	10.00
	M. E. HERR, TURBOTVILLE, PA.				
1897	Corn and Oats Chop, -----	M. E. Herr, Turbotville,	10.77	11.75	-----
	C. F. HOPKINS, TOWNVILLE, PA.				
2382	Pure Corn and Oats Chop, -----	C. F. Hopkins, Townville.	10.68	11.06	10.00
	JACOB & KELLER COMPANY, ST. MARYS, PA.				
1666	Corn and Oats Chop, -----	Jacob & Keller Com- pany, St. Marys.	9.76	10.94	-----
2534	Corn and Oats Chop, -----	Jacob & Keller Com- pany, St. Marys.	10.10	10.13	10.00
	JAMESTOWN ELECTRIC MILLS, AKELEY, PA.				
2062	Corn and Oats Chop, -----	Jamestown Electric Mills, Akeley.	10.90	11.56	-----
	JEFFERSON FLOUR & FEED CO., PUNXSUTAWNEY, PA.				
2379	Pure Corn and Oats Chop, -----	Jefferson Flour & Feed Co., Punxsutawney.	11.59	9.88	8.00
	JOHNSON & CO., FRANKLIN, PA.				
2323	Corn and Oats Chop, -----	Johnson & Co., Frank- lin.	10.46	9.69	10.50
	KLEPSEBROTHERS, MARTINS- BURG, PA.				
2572	Corn and Oats Chop, -----	Klepser Brothers, Al- toona.	9.16	11.31	7.00
	KLINE FLOUR MILLS CO., BROOKVILLE, PA.				
2415	Pure Corn and Oats Chop, -----	Kline Flour Mills Co., Brookville.	11.31	10.56	8.00
	LAKE SHORE ELEVATOR COM- PANY, CLEVELAND, OHIO.				
2148	Peerless Chop Feed, -----	Russell Brothers, Wash- ington.	14.23	10.75	10.00
	H. H. LYSINGER & SON, BEDFORD, PA.				
2365	Corn and Oats Chop, -----	H. H. Lysinger & Son, Bedford.	10.95	11.75	-----
	McCAULEY-McKAY & CO., BROCKWAYVILLE, PA.				
2189	Pure Corn and Oats Chop, -----	McCauley-McKay & Co., Brockwayville.	10.72	12.19	10.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.05	4.00	7.01	9.00	2 25	Corn and oats, -----	As certified, -----	2026
4.66	4.00	6.37	9.00	2 60	Ground corn, ground oats.	As certified, -----	2247
4.15	-----	7.15	-----	1 95	Corn and oats, -----	As certified, -----	1679
4.26	-----	5.50	-----	2 20	Corn and oats, -----	As certified, -----	2358
4.00	3.50	4.08	4.00	2 60	Ground corn and oats,	As certified, -----	2609
5.07	5.00	4.22	5.00	1 90	Corn and oats, -----	Found also buck-wheat.	1875
4.08	-----	5.08	-----	1 70	Corn and oats, -----	As certified, -----	1897
4.20	3.75	5.53	6.00	2 35	Corn and oats, -----	As certified, -----	2382
4.47	-----	4.76	-----	2 10	Corn and oats, -----	As certified, -----	1666
4.12	4.00	4.11	6.00	2 75	Corn and oats, -----	As certified, -----	2594
4.41	-----	6.17	-----	2 05	Corn and oats, -----	As certified, -----	2062
4.04	2.50	3.01	8.00	2 70	Corn and oats, -----	As certified, -----	2379
3.33	3.75	2.96	4.50	2 25	Corn and oats, -----	As certified, -----	2323
4.75	3.00	5.35	7-9	55 00	Corn and oats, -----	As certified, -----	2572
3.96	3.00	4.08	7.00	2 70	Corn and oats, -----	As certified, -----	2415
3.87	2.00	5.35	8.00	2 25	Corn and oats, -----	As certified, -----	2148
3.83	-----	6.89	-----	2 50	Corn and oats, -----	Found also wheat and small amount ground grain screenings.	2365
5.30	4.00	6.01	6.00	2 65	Corn and oats, -----	As certified, -----	2489

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	MATHER BROTHERS, GREENVILLE, PA.		%	%	%
2647	Corn and Oats Chop, -----	Mather Brothers, Greenville.	10.20	10.63	10.00
	FRANK M. MAYER, BELLEFONTE, PA.				
1654	Corn and Oats Chop, -----	Frank M. Mayer, Bellefonte.	14.47	10.31	10.00
	MAZEPPA MILLING CO., LEWISBURG, PA.				
1698	Corn and Oats Chop, -----	Mazeppa Milling Co., Lewisburg.	11.86	11.50	-----
	C. E. MYERS, LAIRDSVILLE, PA.				
2645	Pure Corn and Oats Chop, -----	H. E. Flick, Muncy, ----	10.54	9.88	-----
	THE PARK & POLLARD COMPANY, BUFFALO, N. Y.				
2022	Corn and Oats Half and Half, -----	S. H. Pennypacker & Son Kimberton.	10.83	12.38	10.00
2197	Corn and Oats Half and Half, -----	J. O. Reed, Philipsburg,	5.66	10.31	10.00
2663	Corn and Oats Half and Half, -----	Shamokin Milling Co., Shamokin.	10.17	10.31	10.00
	PHELPS & SIBLEY COMPANY, CUBA, N. Y.				
1688	Pure Corn and Oats Feed, -----	E. J. Rogers, Emporium	9.57	11.13	9.50
	PITTSTON MILLING CO., PITTSTON, PA.				
2467	Ground Oats and Corn, -----	Pittston Milling Co., Pittston.	9.64	13.38	-----
					3.81 to 9.00
2469	Corn and Oats Chop No. 2, -----	Pittston Milling Co., Pittston.	9.71	10.88	
	POLLOCK FLOUR & FEED CO., FORD CITY, PA.				
2508	Corn and Oats Chop, -----	Pollock Flour & Feed Co., Ford City.	10.77	11.50	9.00
	GEORGE L. REED MILLING CO., BROOKVILLE, PA.				
2418	Pure Corn and Oats Chop, -----	George L. Reed Milling Co., Brookville.	10.66	12.41	-----
	RIDGWAY GRIST MILLS, RIDGWAY, PA.				
1663	Corn and Oats Chop, -----	Ridgway Grist Mills, Ridgway.	11.66	8.94	-----
	LEONARD RITTER, ST. MARYS, PA.				
2527	Corn and Oats Chop Feed, -----	Leonard Ritter, St. Marys	12.50	10.56	6.00
	RIVER SIDE MILLS, OIL CITY, PA.				
2322	Corn and Oats Chop, -----	River Side Mills, Oil City	10.86	10.94	10-12
	SEES MILLING COMPANY, WILLIAMSPORT, PA.				
2635	Leader Corn and Oats Chop, -----	J. F. Hall, Montgomery	11.61	9.25	-----
	SMITH BROTHERS, INC., BRADFORD, PA.				
2375	Pure Corn and Oats, -----	Smith Brothers, Inc., Bradford.	11.51	10.88	10.00
	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA.				
2411	Corn and Oats Chop, -----	Spanogle-Yeager Milling Co., Lewistown.	10.46	9.69	7-10
	SPRING CREEK MILLING CO., INC., SPRING CREEK, PA.				
2065	Corn and Oats Chop, -----	Spring Creek Milling Co. Inc., Spring Creek, Pa.	10.75	11.19	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.63	4.00	4.97	6.00	2 60	Corn and oats, -----	As certified, -----	2647
2.00	4.00	4.44	4.00	2 00	Corn and oats.	Sample slightly mouldy and damaged.	1654
3.74	-----	4.21	-----	1 95	Corn and oats, -----	Sample mouldy and damaged.	1698
4.20	-----	4.03	-----	52 00	Corn and oats.	As certified, -----	2645
4.04	1.50 *	5.34	8.00	2 25	Corn and oats.	As certified, -----	2022
3.15	1.50	5.86	8.00	2 50	Corn and oats.	As certified, -----	2197
3.72	1.50	7.34	8.00	2 75	Corn and oats.	As certified, -----	2663
4.60	4.00	5.14	6.00	2 10	Corn and oats.	As certified, -----	1688
4.66	-----	6.49	-----	2 60	Oats and corn.	As certified, -----	2467
4.12	3.28 to 5.00	5.63	5-7	2 70	Corn and oats.	As certified, -----	2469
4.05	3.00	6.55	12.00	2 80	Corn and oats.	As certified, -----	2508
4.49	-----	4.49	-----	2 70	Corn and oats.	As certified, -----	2418
3.88	-----	2.61	-----	2 40	Corn and oats.	Sample slightly mouldy and damaged.	1663
3.78	4.00	3.28	6.00	2 75	Corn and oats.	As certified, -----	2527
3.75	4.00	6.22	6.00	2 15	Corn and oats.	As certified, -----	2322
3.90	-----	2.24	-----	54 00	Corn and oats.	As certified, -----	2635
4.01	4.00	5.43	7.00	2 50	Corn and oats.	As certified, -----	2375
3.74	3-5	9.36	4-8	2 60	Corn and oats.	As certified, -----	2411
3.60	-----	3.75	-----	2 00	Corn and oats.	As certified, -----	2065

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2233	JAMES F. STANTON & SONS, NEW STANTON, PA. Corn and Oats Chop, -----	James F. Stanton & Sons New Stanton.	10.65	12.63	10.00
1979	THOMPSON & FORDYCE, WAYNESBURG, PA. *Corn and Oats Chop, -----	Thompson & Fordyce, Waynesburg.	8.62	12.50	-----
2337	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO. Camp's Corn and Oats Feed, -----	F. C. Adams, Clymer, --	10.55	10.94	10.00
1675	WALCOTT BROTHERS, ELDRED, PA. Corn and Oats Chop, -----	Walcott Brothers, Eldred	9.04	11.75	-----
1941	JOSEPH C. WALKER & SONS CO., GAP, PA. Corn and Oats Chop, -----	Joseph C. Walker & Sons Co., Gap.	9.50	12.15	-----
1988	WAYNESBURG MILLING CO., WAYNESBURG, PA. Corn and Oats Chop, -----	Waynesburg Milling Co., Waynesburg.	10.62	10.50	-----
2059	C. E. WILSON, RUSSELL, PA. Corn and Oats Chop, -----	C. E. Wilson, Russell, --	10.69	11.88	-----
1695	C. H. WITMER, LEWISBURG, PA. Corn and Oats Chop, -----	C. H. Witmer, Lewisburg	11.70	10.50	-----
1649	G. R. WORRICK, MACKEYVILLE, PA. Corn and Oats Chop, -----	M. L. Claster, Lock Haven.	10.24	11.50	-----
2629	Corn and Oats Chop, -----	Fred E. Miller, Lock Haven.	10.87	11.88	9-12
1733	L. E. YAGEL, MILLMONT, PA. Pure Corn and Oats Chop, -----	L. E. Yagel, Millmont,	10.07	11.88	10.00
2055	YOUNGSVILLE MILLING COM- PANY, YOUNGSVILLE, PA. Corn and Oats Chop, -----	Youngsville Milling Com- pany, Youngsville.	10.33	11.44	-----
	CORN, OATS AND BARLEY CHOP. LAKE ERIE MILLING CO., TO- LEDO, OHIO.	Average, -----	10.57	11.12	-----
1980	Molletts Yellow C. O. B. Chop, --	Thompson & Fordyce, Waynesburg.	9.00	8.75	-----
2549	CHOP FEED. ACME-EVANS COMPANY, IN- DIANAPOLIS, IND. Producers' Chop, -----	Juniata Feed & Flour Co., Tyrone.	8.33	6.56	8.00
2565	Producers' Chop, -----	Tyrone Milling Co., Tyrone.	7.64	8.38	8.00
2354	THE AKRON FEED & MILLING CO., AKRON, OHIO. Ohio Chop, -----	W. L. Roess, Oil City,	8.82	7.91	6.00
1832	Ohio Chop, -----	Smith & Zahniser, Free- port.	7.76	7.31	6.00

\*Not Registered.

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.78	4.00	5.86	7.00	2 10	Corn and oats.	As certified, -----	2233
4.64	-----	4.72	-----	2.30	Corn and oats.	As certified, -----	1979
4.86	4.00	5.81	8.00	2 40	Corn and oats.	As certified, -----	2337
4.57	-----	4.16	-----	1 95	Corn and oats.	As certified, -----	1675
4.55	-----	5.20	-----	2 10	Corn and oats.	As certified, -----	1941
4.43	-----	4.60	-----	2 15	Corn and oats.	As certified, -----	1983
4.15	-----	6.47	-----	2 05	Corn and oats.	As certified, -----	2059
3.54	-----	5.64	-----	2.00	Corn and oats.	As certified, -----	1695
3.41	-----	4.86	-----	2 50	Corn and oats.	As certified, -----	1649
4.06	3-4	4.18	5.00	52.00	Corn and oats.	As certified, -----	2629
3.70	4.00	5.57	6.00	2 30	Corn and oats, -----	As certified, -----	1733
4.93	-----	5.29	-----	2 00	Corn and oats, -----	As certified, -----	2055
4.16	-----	5.05	-----	\$17 31			
3.99	-----	11.70	-----	2 00	Corn, oats, harley, ---	As certified, -----	1980
2.42	2.50	17.45	15.00	2 65	Corn, corn feed meal, hominy feed, oat feed, oat hulls, oat middlings.	Found also small amount glumes from corn cobs.	2549
2.19	2.50	16.31	15.00	38 50	Hominy feed, oat feed, oat hulls, oat middlings, corn feed meal, corn.	As certified, -----	2565
3.04	2.00	15.17	12.00	1 95	Either white or yellow shelled corn, oat shorts, oat hulls, oat middlings and one-half of one per cent salt.	As certified. Both white and yellow corn present.	2354
2.75	2.00	16.24	12.00	2 00	Either white or yellow shelled corn, oat shorts, oat hulls, oat middlings and one-half of one per cent salt.	As certified, -----	1832



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2425	Ohio Chop, -----	Victor Milling Co., Point Marion.	8.38	7.44	6.00
	BERGIN & COMPANY, NANTICOKE, PA.				
2173	Mixed Chop, -----	Bergin & Company, Nanticoke.	12.56	10.31	9.50
	BLANK & GOTTSCHALL CO., INC., SUNBURY, PA.				
2614	B. & G. Chop Feed, -----	Blank & Gottshall Co., Inc., Sunbury.	9.56	12.50	11.00
	BOOKWALTER & KERR, COR- SICA, PA.				
2493	Corn, Oats and Buckwheat Chop, CLINTONDALE MILLING CO., INC., CLINTONDALE, PA.	Bookwalter & Kerr, Cor- sica.	9.83	10.66	-----
1660	Mixed Chop, -----	Clintondale Milling Co., Inc., Clintondale.	12.14	12.01	-----
2627	Mixed Chop, -----	H. Meyers' Sons, Mill Hall.	10.94	12.50	9-12
	COWAN ROLLER MILLS, COW- AN, PA.				
1701	Mixed Chop, -----	Cowan Roller Mills, Cowan.	10.83	10.63	-----
	FARMERS MILLING CORPORA- TION, WASHINGTON, PA.				
2153	Corn and Oats Chop with Screen- ings.	Farmers Milling Corpora- tion, Washington.	10.37	11.15	9.00
	FURST BROTHERS, MILL HALL, PA.				
2624	Mixed Chop, -----	C. B. Armstrong, Mill Hall.	11.80	10.88	11.00
	GIBBS MILLING COMPANY, NAN- TICOKE, PA.				
2181	Mixed Chop, -----	Gibbs Milling Company, Nanticoke.	9.12	12.31	11.00
	GLOBE ELEVATOR COMPANY, BUFFALO, N. Y.				
2402	No. 1 Chop Feed, -----	Plymouth Mill & Grain Co., Plymouth.	9.71	10.75	9.00
	THE HELLER MILLING CO., WAPWALLOPEN, Pa.				
2035	Mixed Feed, -----	The Heller Milling Co., Wapwallopen.	8.20	11.29	-----
	M. E. HERR, SCHUYLER, PA.				
2637	Mixed Chop, -----	J. F. Hall, Montgomery,	9.70	11.81	-----
	KINGSTON FEED MILLS, KINGSTON, PA.				
2184	Mixed Chop, -----	Kingston Feed Mills, Kingston.	15.44	9.13	8-11
	KNECHT MILLING COMPANY, MILL HALL, PA.				
1658	Mixed Chop, -----	Knecht Milling Company, Mill Hall.	12.22	11.50	11.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.64	2.00	16.20	12.00	31 50	Either white or yellow shelled corn, oat shorts, oat hulls, oat middlings and one-half of one per cent salt.	Salt not detected,	2425
3.65	3.50	4.20	5.50	2 15	Corn bran, rye, oats, corn.	As certified, -----	2175
4.33	4.00	10.69	11.00	2 00	Corn feed meal, oats chop, wheat middlings, reground oat feed, (oat middlings and oat hulls), and $\frac{1}{2}$ of 1% salt.	As certified, -----	2614
3.77	-----	7.66	-----	2 40	Corn and cob, oats, buckwheat.	As certified, -----	2493
4.08	-----	3.88	-----	2 30	Corn, oats, middlings and screenings.	As certified, -----	1660
4.59	4.00	4.90	8.00	62 00	Corn, oats and wheat middlings.	As certified, -----	2627
3.94	-----	4.15	-----	2 00	Corn, oats and wheat.	As certified, -----	1701
3.30	3.00	5.42	12.00	2 00	Corn, oats and screenings.	As certified, -----	2153
4.40	4.50	3.56	6.00	56 00	Corn, oats and wheat middlings.	As certified, -----	2624
6.21	4.00	5.56	5.14	2 10	Corn, oats, bran, middlings, and sometimes special midds or rye.	Corn, oats, wheat bran, wheat middlings and rye middlings.	2181
3.25	3.00	10.96	12.00	2 40	Ground barley, corn bran, corn meal, hominy feed, ground oats, oat hulls, oat middlings, oat shorts, wheat middlings (may contain mill run of ground screenings) and salt.	As certified, -----	2402
3.11	-----	7.35	-----	2 25	Ear corn, rye, wheat, oats, buckwheat.	As certified, -----	2035
4.15	-----	5.24	-----	54 00	-----	Corn, oats, barley, buckwheat and small amount small whole weed seeds.	2657
2.08	4.6	2.85	4.6	2 00	Corn, bran, oat bran.	As certified, -----	2184
3.70	4.00	2.90	6.00	2 20	Corn, oats and middlings.	As certified, -----	1659

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE LAKE ERIE MILLING CO., TOLEDO, OHIO.		%	%	%
2473	Mollett's Yellow C. O. & B. Chop,	B. Lindner, New Kensington.	11.03	10.31	8.00
1847	Mollett's Yellow C. O. & B. Chop,	Western Flour Co., Monessen.	9.15	10.50	8.00
	G. G. MELLOTT, HUSTON-TOWN, PA.				
2438	*Chop Mixture, -----	G. G. Mellott, Hustontown.	10.85	12.44	-----
	RELIANCE ROLLER MILLS, NEW OXFORD, PA.				
1741	Mixed Chop, -----	Reliance Roller Mills, New Oxford.	11.59	9.69	-----
	RICHARDS & EVANS COMPANY, CORTLAND, OHIO.				
2341	Richards' Special Chop, -----	National Feed Co., Fayette City.	10.66	9.44	9.00
2349	Richards' Special Chop, -----	George A. Seavy, Sharpsburg.	5.20	8.56	9.00
	I. J. ROHRBAUGH, BEECH CREEK, PA.				
2622	High Grade Chop, -----	L. H. Stephens, Beech Creek.	11.06	12.19	9.00
	DAVID STOTT FLOUR MILLS, INC., DETROIT, MICH.				
2234	Stott's Winner Chop Feed, -----	Youngwood Lumber & Supply Co., Youngwood.	9.20	8.94	8.50
	TOLEDO GRAIN AND MILLING CO., TOLEDO, OHIO.				
2446	Camp's C. O. & B. Chop Feed, --	E. K. Davis, Darlington,	7.85	9.50	9.60
2260	Camp's C. O. & B. Chop Feed, --	W. P. Lauster, Yatesboro.	9.04	9.31	9.00
2588	Camp's C. O. & B. Chop Feed, --	A. F. McClure, Big Run,	9.79	9.69	9.00
	*Not Registered.				

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.65	3.00	8.49	10.00	2 10	Corn, oats, oat hulls, oat groats, oat middlings, corn meal offal and $\frac{1}{2}$ of 1% salt.	Salt not detected, ---	2473
3.18	3.00	6.86	10.00	2 00	Corn, oats, oat hulls, oat groats, oat middlings, corn meal offal and $\frac{1}{2}$ of 1% salt.	As certified, -----	1847
2.31	-----	3.02	-----	2 00	Corn, buckwheat, oats, rye, wheat.	As certified, -----	2438
2.60	-----	4.55	-----	2 10	Corn, oats, rye and wheat.	As certified, -----	1741
3.44	3.00	9.82	12.00	32 90	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oatmeal by-products, (oat hulls, oat middlings and oat shorts).	As certified, -----	2841
3.44	3.00	10.15	12.00	37 00	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oatmeal by-products, (oat hulls, oat middlings and oat shorts).	As certified, -----	2349
4.08	3.50	4.06	6.50	54 00	Oats, corn, wheat middlings and screenings.	As certified, -----	2622
3.57	3.50	16.27	10.00	2 00	-----	Oat feed (oat middlings, oat hulls) and small amount ground corn.	2231
2.68	3.00	10.35	11.00	38 00	White or yellow corn, oats, barley, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls) and $\frac{1}{2}$ of 1% fine salt.	As certified, ----- Both white and yellow corn present.	2446
3.15	3.00	9.47	11.00	2 30	White or yellow corn, oats, barley, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls) and $\frac{1}{2}$ of 1% fine salt.	Both white and yellow corn present. Found also wheat.	2260
2.70	3.00	10.53	11.00	2 65	White or yellow corn, oats, barley, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls) and $\frac{1}{2}$ of 1% fine salt.	As certified, -----	2588

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2482	Camp's C. O. & B. Chop Feed, --	J. Harvey Miller, Ligonier.	9.92	9.13	9.00
2199	Camp's C. O. & B. Chop Feed, --	J. O. Reed, Philipsburg,	9.98	9.00	9.00
1844	Camp's Surprise Chop Feed, -----	Jeffreys Brothers, McKeesport.	8.00	8.69	9.00
2668	Camp's Surprise Chop Feed, -----	W. P. Lauster, Yatesboro.	7.85	8.38	8.00
2669	Camp's Surprise Chop Feed, -----	W. P. Lauster, Yatesboro.	8.24	7.81	8.00
1651	ULSH & BOSHOAR, BELLEFONTE, PA. Mixed Chop, ----- WEST TYRONE FLOUR MILL, TYRONE, PA.	Ulsch & Boshoar, Bellefonte.	11.44	11.25	-----
2569	Corn and Oat Chop, ----- WESTERN FEED MANUFACTURERS, INC., CHICAGO, ILL.	West Tyrone Flour Mill, Tyrone.	9.15	10.63	-----
2166	Cee-O Bee Chop, -----	D. Kline's Department Store, Bolivar.	8.34	9.44	-----
2352	MISCELLANEOUS FEED. CONDENSED OR SEMI-SOLID BUTTERMILK. CONSOLIDATED PRODUCTS COMPANY, CHICAGO, ILL. Semi Solid Buttermilk, -----	Martin & Company, Altoona.	69.26	13.46	12.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.81	3.00	10.95	11.00	2 10	White or yellow corn, oats, barley, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls) and $\frac{1}{2}$ of 1% fine salt.	Found also small amount of corn glumes from cob .	2482
2.89	3.50	10.21	9.00	2 25	White or yellow corn, oats, barley, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls) and $\frac{1}{2}$ of 1% fine salt.	As certified, -----	2199
2.99	3.50	12.13	9.00	1 90	White or yellow corn, oats, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls), wheat middlings and $\frac{1}{2}$ of 1% fine salt.	As certified, -----	1844
2.79	2.50	11.86	12.00	2 40	White or yellow corn, oats, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls), wheat middlings and $\frac{1}{2}$ of 1% fine salt.	As certified, ----- Both white and yellow corn present.	2668
2.83	2.50	13.30	12.00	2 40	White or yellow corn, oats, corn meal mill by-products (fine meal and siftings), oat meal by-products, (oat groats, oat middlings and oat hulls), wheat middlings and $\frac{1}{2}$ of 1% fine salt.	As certified, ----- Both white and yellow corn present.	2663
3.25	-----	6.06	-----	2 00	Corn, oats and middlings.	As certified, -----	1651
3.24	-----	6.19	-----	53 00	Ground corn, oats, and rye.	Found also buckwheat,	2569
2.98	-----	16.19	-----	2 00	-----	Corn, oats, barley and large amount oat hulls.	2166
4.28	2.50	Total 30.74	Solids 28.00	-----	Semi-solid buttermilk, --	As certified, -----	2352

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2630	GROVE CITY CREAMERY, GROVE CITY, PA. Commonwealth Brand Vim Lac Poultry Feed.	Grove City Creamery, Grove City.	59.36	14.66	-----
2208	LEWISTOWN PURE MILK COMPANY, LEWISTOWN, PA. Valley Brand Condensed Buttermilk,	Lewistown Pure Milk Company, Lewistown.	79.01	9.15	12.00
2621	WESTERN MARYLAND DAIRY, INC., BALTIMORE, MD. Con-But Concentrated Buttermilk,	Western Maryland Dairy, Inc., Woodbine.	70.62	11.00	10.00
2706	EAST COAST TRADING CO., BALTIMORE, MD. Oberco 30-30 Feeding Mixture, -----	Average, ----- J. A. McKelvey, Blairsville.	69.56 5.84	12.07 31.06	----- 30.00
2063	JAMESTOWN ELECTRIC MILLS, AKELEY, PA. Cracked Corn, -----	Jamestown Electric Mills, Akeley.	8.80	9.88	-----
2703	NEWSOME FEED & GRAIN CO., PITTSBURGH, PA. Palmo Midds, -----	Webster Flour Mills, Webster.	8.02	17.13	16.00
2620	SWIFT & COMPANY, CADILLAC, MICH. Swift's Dried Buttermilk, -----	H. C. Stine, Larue, ---	9.81	35.81	35.00
2434	PROPRIETARY POULTRY FEED. SCRATCH FEED. THE AKRON FEED & MILLING CO., AKRON, OHIO. Portage Scratch Feed, No Grit, --	A. F. Gault, Bentleyville.	11.31	10.81	8.00
1900	AMERICAN MILLING CO., PEORIA, ILL. Sucrene Scratch Feed, -----	B. S. Stauffer & Co., Lawn.	9.94	11.75	10.00
2128	ARCADY FARMS MILLING CO., CHICAGO, ILL. Clover Leaf Mills' Scratch Grain,	Lewis A. Brown, New Hope.	9.57	10.81	10.00
2431	Wonder Scratch Grains, -----	Acklin & Patterson Grain & Feed Co., Jefferson.	10.01	11.13	10.00
1882	Wonder Scratch Grains, -----	W. W. Kalb, Sunbury,	7.66	11.81	10.00
2079	Wonder Scratch Grains, -----	Pollock's Feed Mill, Downingtown.	9.99	11.94	10.00
2709	J. J. BADENOCH CO., CHICAGO, ILL. Special Egspay Scratch Feed,-----	Blairsville Grocery Co., Blairsville.	9.58	10.94	10.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	% Total	% Solids	\$			
2.42		40.64				Concentrated artificial buttermilk (soured, pasteurized skim-milk and butter-milk).	2630
0.78	0.03	Total 20.99	Solids 36.00		Condensed buttermilk, -	As certified, -----	2208
0.61	0.30	Total 29.38	Solids 28.00			Artificial buttermilk (concentrated fermented skimmed milk).	2621
2.02		Total 30.44	Solids			As certified, -----	2706
4.10	3.00	7.89	9.00	4 50	Fish meal, meat meal, bone, charcoal, sodium chloride, calcium carbonate.		
4.83		2.41		2 05	Cracked corn with siftings removed.	As certified, -----	2063
9.92	7.00	7.31	9.00	1 95	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified, -----	2703
7 08	1.00		3.00		Dried buttermilk, ---	As certified, -----	2620
3.71	2.50	2.83	5.00	48 00	Cracked corn, wheat, oats, barley, buckwheat and sunflower seed.	As certified, -----	2434
3.56	2.50	2.50	5.00	2 50	Wheat, corn, Kaffir, buckwheat, barley, oats and sunflower seed.	As certified, -----	1900
3.53	2.50	3.14	5.00	2 50	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat and sunflower seed.	As certified, -----	2128
3.01	2.50	2.93	5.00	49 00	Wheat, cracked corn, oats, barley, Kaffir corn or milo maize, sunflower seed and buckwheat.	As certified, -----	2431
4.03	2.50	2.49	5.00	2 70	Wheat, cracked corn, oats, barley, Kaffir corn or milo maize, sunflower seed and buckwheat.	As certified, -----	1882
3.66	2.50	2.82	5.00	2 65	Wheat, cracked corn, oats, barley, Kaffir corn or milo maize, sunflower seed and buckwheat.	As certified, -----	2079
2.81	2.50	3.25	5.00	2 75	Wheat, cracked corn, Kaffir corn, milo, barley, sunflower seed, oats, wheat, and barley screenings.	As certified, -----	2709

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2176	BERGIN & COMPANY, NANTICOKE, PA. Little Chick Food, -----	Bergin & Company,	10.15	10.81	10.00
2174	Scratch Feed, -----	Nanticoke. Company, Bergin & Company, Nanticoke.	8.49	11.44	10.00
1862	BLANK & GOTTSCHALL CO., INC., SUNBURY, PA. Blank & Gottshall's Developing Food.	George B. Phillips, Mil- ton,	10.01	10.81	10.00
1860	Blank & Gottshall's Blended Hen Food.	George B. Phillips, Mil- ton,	6.98	12.06	10.00
2244	Blank & Gottshall's Blended Hen Food.	Speacht Brothers, Potts- ville.	11.92	10.94	10.00
2444	G. E. CONKEY CO., CLEVELAND, OHIO. Conkey's Growing Grain, -----	Rochester Seed & Supply Co., Rochester.	8.55	12.94	13.00
2338	Conkey's Scratch Grains, -----	Fayette Feed Company, Fayette City.	12.00	10.63	9.75
2445	Conkey's Scratch Grains, -----	Rochester Seed & Supply Co., Rochester	9.03	11.94	9.75
2122	Gecco Chick Grains, -----	South Perkasio Mills, Perkasie.	11.33	11.88	10.00
2533	THE ALBERT DICKINSON CO., CHICAGO, ILL. Dickinson's Globe Poultry Scratch Feed.	Jacob & Keller Co., St. Marys.	11.70	11.56	10.00
2449	Dickinson's Globe Poultry Scratch Feed.	Wm. Wahl, Ambridge.	7.34	12.50	10.00
1772	EAGLE ROLLER MILL COM- PANY, NEW ULM, MINN. Eagle Scratch Feed, -----	Wilkes-Barre Milling Co., Wilkes-Barre,	8.24	11.63	10.00
2242	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Chick Feed No grit,----	Speacht Brothers, Potts- ville.	10.91	12.38	10.00
1827	Eshelman's Scratch Feed No Grit,----	Newgard & Tice, Ann- ville.	10.29	10.56	10.00
2458	Eshelman's Special Pigeon Feed,----	Jacob Lessig & Sons, Ashland.	7.67	14.38	10.00
2471	Imperial Scratch Feed No Grit,-----	Pittston Milling Co., Pittston.	11.39	11.19	9.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.82	3.00	2.41	5.00	3 00	Cracked wheat, cracked corn, millet and miscellaneous seeds.	Miscellaneous seeds not detected.	2176
3.35	3.00	3.52	5.00	2 45	Cracked corn, buckwheat, wheat, sunflower, oats, miscellaneous seeds.	Miscellaneous seeds identified as small amount whole weed seeds.	2174
4.17	2.50	2.32	2.50	2 75	Wheat, cracked corn, Kaffir corn, millet, hulled oats.	As certified, -----	1862
3.26	2.25	3.37	3.50	2 70	Cracked corn, wheat, Kaffir corn, buckwheat, barley, sunflower seed, oats and charcoal.	Sunflower seed not detected. Found also small amount whole weed seeds.	1860
3.06	2.25	3.03	3.50	2 60	Cracked corn, wheat, Kaffir corn, buckwheat, barley, sunflower seed, oats and charcoal.	Sunflower seed not detected.	2244
3.67	2.50	1.70	2.00	55 00	Medium cracked corn, wheat and hulled oats.	As certified, -----	2444
2.79	1.75	2.61	3.00	45 10	Wheat, cracked corn, Kaffir corn, barley, buckwheat and sunflower.	As certified, -----	2358
2.19	1.75	2.41	3.00	50 00	Wheat, cracked corn, Kaffir corn, barley, buckwheat and sunflower.	As certified, -----	2445
2.80	2.00	2.45	5.00	3 00	Oat meal, millet, cracked wheat, cracked Kaffir corn and cracked corn.	As certified, -----	2122
3.19	2.50	3.35	5.00	3 40	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	2533
3.45	2.50	2.79	5.00	63 00	Corn, wheat, barley, oats, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified, -----	2449
3.51	2.50	3.50	4.50	2 75	Wheat, cracked corn, buckwheat, milo, Kaffir corn, barley, sunflower seed.	As certified, -----	1772
4.63	3.00	1.84	3.00	3 25	Cracked corn, Kaffir corn, cracked wheat, millet, hulled oats.	As certified, -----	2242
3.51	3.00	2.15	4.00	2 50	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	1827
3.07	3.00	3.46	3.00	3 75	Wheat, Kaffir corn, peas, buckwheat, 3% hemp, 2% millet, 1/10% flaxseed.	As certified, -----	2458
3.24	3.00	2.74	4.00	3 00	Cracked corn, Kaffir corn, barley, wheat, buckwheat, oats, $\frac{1}{2}$ of 1% sunflower seed, cleaned grain screenings from wheat.	As certified, -----	2471

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2241	Imperial Scratch Feed No Grit,-----	Speacht Brothers, Pottsville.	12.79	9.69	9.00
2457	Pennsy Chick Feed, -----	H. Hunter, Ashland, ---	7.67	10.81	9.00
	GLOBE ELEVATOR COMPANY, BUFFALO, N. Y.				
2309	Anchor Scratch Feed, -----	Scandinavian Store, Houtzdale.	12.73	10.75	10.00
2398	Star Scratching Grain, -----	Plymouth Mill & Grain Co., Plymouth.	10.01	10.31	10.00
	HALES & HUNTER CO., CHICAGO, ILL.				
2525	Morning Glory Scratch Feed, -----	Adam Diehl & Son, Pittsburgh.	11.88	10.19	10.00
	DWIGHT HAMLIN, INC., PITTSBURGH, PA.				
2426	Hamlin's Select Scratch Feed, -----	Jos. P. Warner & Co., Monongahela,	11.42	9.75	9.50
	HANEY-FRAZIER MILLING & ELEVATOR CO., RIVERSIDE, PA.				
2388	Gold Medal Prize Poultry Hen Food.	Haney-Frazier Milling & Elevator Co., Riverside.	11.10	10.75	10.00
	HEFTY MILLING CO., WATSON-TOWN, PA.				
1872	Golden Egg Hen Food, -----	Hefty Milling Co., Watsontown,	9.04	11.13	10.00
	THE H-O CEREAL COMPANY, INC., BUFFALO, N. Y.				
2051	Life-Saver Steam-Cooked Chick Feed.	Warren City Mills, Warren.	10.19	13.63	12.00
	H. HUNTER, ASHLAND, PA.				
2456	O. K. Hen Food, -----	H. Hunter, Ashland, ---	6.05	11.63	11.56
	JEFFERSON FLOUR & FEED CO., PUNXSUTAWNEY, PA.				
2378	Jefferson Scratch Feed, -----	Jefferson Flour & Feed Co., Punxsutawney.	11.83	11.38	10.00
	KASCO MILLS, INC., WAVERLY, N. Y.				
2179	Kaseo Scratch Grain, -----	Gibbs Milling Co., Nanticoke.	11.64	11.00	10.00
	KINGSTON FEED MILLS, KINGSTON, PA.				
2183	Blue Ribbon Poultry Feed, -----	Kingston Feed Mills, Kingston.	9.34	11.94	10.00
2186	Red Feather Scratch Feed, -----	Kingston Feed Mills, Kingston.	12.59	11.25	9-11
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
1794	Blue Top Scratch Feed No Grit, ---	John M. Burkholder, Hummelstown.	10.10	12.19	9.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.44	3.00	2.20	4.00	2 90	Cracked corn, Kaffir corn, barley, wheat, buckwheat, oats, $\frac{1}{2}$ of 1% sunflower seed, re-cleaned grain screenings from wheat.	Sunflower seed not detected.	2241
4.89	3.00	2.09	3.00	3 00	Cracked corn, Kaffir corn, cracked wheat, millet, hulled oats, grit.	As certified, -----	2457
3.30	2.00	3.08	5.00	56 00	Barley, buckwheat, cracked corn, Kaffir corn, milo maize, wheat.	Found also small amount wild oats.	2309
3.58	2.00	3.50	5.00	2 50	Barley, Kaffir, buckwheat, milo, cracked corn, wheat.	As certified, -----	2398
3.17	2.50	2.68	5.00	2 75	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed and buckwheat.	As certified, -----	2525
3.23	2.50	2.39	5.00	50 55	Corn, barley, wheat, Kaffir corn, milo maize, sunflower seed, oats, buckwheat.	Found also small amount whole weed seeds.	2426
3.85	3.00	3.50	5.00	2 50	Broken corn, barley, buckwheat, wheat, Kaffir corn, milo maize, oats and wheat screenings, sunflower seed.	As certified, -----	2388
3.42	4.00	3.06	3.00	2 15	Sunflower seed, whole wheat, cracked corn, barley, Kaffir corn, oats, buckwheat.	Found also small amount small whole weed seeds.	1872
3.19	3.00	1.76	4.00	2 75	Cracked corn, cut oat meal, cracked wheat, cracked Kaffir corn, cracked peas.	As certified, -----	2051
3.19	3.84	3.19	4.02	2 75	Wheat, barley, buckwheat, oats, Kaffir corn, cracked corn, sunflower seeds, charcoal.	As certified, -----	2456
3.16	1.50	3.39	5.00	2 90	Cracked corn, wheat, buckwheat, barley, Kaffir, sunflower seed, oats.	Sunflower seed not detected.	2378
3.66	3.00	2.50	5.00	2 55	Cracked corn, wheat, barley, buckwheat, Kaffir corn or milo maize, sunflower seed.	As certified, -----	2179
2.95	2.50	2.54	5.00	2 65	Cracked corn, wheat, barley, Kaffir corn, buckwheat and sunflower seed.	As certified, -----	2183
2.87	2.5-3.	2.90	3-4	2 55	Cracked corn, wheat, buckwheat, Kaffir corn, oats, barley, sunflower seed and grit.	Sunflower seed not detected.	2186
3.16	1.50	3.14	5.00	2 75	Wheat, corn, milo maize or Kaffir corn, barley, oats, buckwheat, sunflower seed.	Found also small amount whole weed seeds.	1794



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2012	Cream City Scratch Feed No Grit,	Fisher & Nolan, West Chester.	9.14	11.88	9.00
2154	Cream City Scratch Feed No Grit,	McCollum Company, Washington.	9.73	11.00	10.00
2306	H. H. LYSINGER & SON, BED-FORD, PA. *Choice Scratch Feed, -----	H. H. Lysinger, Bedford.	11.27	10.09	8.00
2490	McCAULEY-McKAY & CO., BROCKWAYVILLE, PA. Scratch Feed, -----	McCauley-McKay & Co., Brockwayville.	12.00	10.31	-----
2291	MARITIME MILLING COMPANY, INC., BUFFALO, N. Y. Bull Brand Chick Feed, -----	S. E. Seidel, Hamburg,	12.69	12.19	11.00
2011	Bull Brand Developing Feed, -----	Fisher & Nolan, West Chester.	9.67	12.19	10.00
2009	Daisy Scratch Feed, -----	Fisher & Nolan, West Chester.	8.27	12.63	9.00
2142	Red-E-Mixt Scratch Feed, -----	N. B. Keim & Son, South Langhorne.	7.57	11.81	10.00
2515	MAUSER MILL CO., ALLENTOWN, PA. First Prize Scratch Feed, -----	Orwigsburg Milling Co., Orwigsburg.	12.46	10.56	9.00
1729	MINER-HILLARD MILLING CO., WILKES BARRE, PA. No. 1 Pigeon Feed, -----	Miner-Hillard Milling Co., Wilkes-Barre.	8.65	15.00	11.00
1715	No. 1 Scratch Feed, -----	Miner-Hillard Milling Co., Wilkes-Barre.	8.48	12.44	8.00
2399	MYSTIC MILLS, SIOUX CITY, IOWA. Sioux Poultry Feed, -----	Plymouth Mill & Grain Company, Plymouth.	11.47	10.50	9.00
2381	PARK & POLLARD COMPANY, CHICAGO, ILL. Red Ribbon Chick Feed, -----	Jefferson Flour & Feed Co., Punxsutawney.	12.33	11.00	10.00
2313	Red Ribbon Chick Feed, -----	Harry P. Freas, Dunmore.	10.11	11.19	10.00

\*Not Registered.



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.20	1.50	2.83	5.00	2 40	Wheat, corn, Kaffir corn or milo maize, barley, oats, buckwheat, buckwheat screenings and sunflower seed.	Found also small amount whole weed seeds.	2012
3.37	1.50	2.89	5.00	2 25	Wheat, corn, Kaffir corn or milo maize, barley, oats, buckwheat, buckwheat screenings and sunflower seed.	As certified, -----	2154
3.20	2.00	3.44	5.00	2 75	Cracked corn, wheat, barley, buckwheat, Kaffir corn, sunflower seed and oats.	As certified, -----	2366
2.57	-----	2.14	-----	2 65	Corn, cracked corn, maize, buckwheat, wheat, oats.	Found also Kaffir corn.	2490
2.01	3.00	2.05	4.00	55 00	Cracked corn, cracked wheat, cracked Kaffir corn, cut oat meal, cracked peas and millet.	As certified, -----	2291
3.19	3.00	3.24	5.00	2 75	Cracked corn, wheat, buckwheat, green split peas, milo maize, millet.	As certified, -----	2011
4.15	3.00	4.11	5.00	2 50	Cracked corn, clipped oats, buckwheat, Kaffir corn or milo maize, barley, wheat, sunflower seed.	As certified, -----	2009
3.87	3.00	3.32	4.00	2 35	Cracked corn, Kaffir corn or milo maize, wheat, buckwheat, barley and sunflower seed.	As certified, -----	2142
2.96	2.00	2.49	4.00	3 25	Cracked corn, wheat, oats, barley, buckwheat and Kaffir corn.	Found also small amount small whole weed seeds.	2515
5.01	4.00	4.60	7.00	3 50	Wheat, buckwheat, milo maize, Kaffir corn, peas, bemp, millet.	As certified, -----	1729
4.85	2.00	3.74	4.00	2 55	Cracked corn, barley, Kaffir corn, milo maize, buckwheat, wheat, sunflower seed, peas, hominy.	As certified, -----	1715
2.53	2.50	2.24	4.00	2 70	Cracked corn, barley, milo, wheat, buckwheat and sunflower seed.	Found also small amount wild oats.	2399
3.06	2.00	1.81	5.00	3 50	Cracked corn, wheat, oats, Kaffir corn, milo and whole millet seed.	As certified, -----	2381
3.78	1.50	2.76	5.00	44 20	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified, -----	2313

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2348	PARK & POLLARD COMPANY OF ILLINOIS, CHICAGO, ILL. Scratch Feed, -----	John E. Ross, Etna, ---	12.20	11.25	10.60
2559	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Early Egg Scratch Feed, -----	C. A. Marshall, Imperial	12.22	10.94	9.00
1812	PRATT FOOD COMPANY, PHILADELPHIA, PA. Pratt's Circle A Scratch Feed Large Size.	John G. Early & John A. Detweiler, Palmyra.	7.96	12.50	10.00
1808	Pratt's Supreme Chick Scratch Feed.	John G. Early & John A. Detweiler, Palmyra.	9.28	14.81	10.00
2459	Pratt's Supreme Pigeon Feed No Corn.	Jacob Lessig & Sons, Ashland.	4.31	13.75	10.00
1809	Pratt's Supreme Scratch Feed Inter- mediate.	John G. Early & John A. Detweiler, Palmyra.	8.39	12.69	10.00
1814	Pratt's Victory Chick Scratch Feed.	John G. Early & John A. Detweiler, Palmyra.	11.17	12.19	10.00
1795	Pratt's Victory Scratch Feed Large Size.	John M. Burkholder, Hummelstown.	8.24	11.88	10.60
1953	PURITY OATS COMPANY, CHICAGO, ILL. Atta Boy Scratch Grains, -----	S. Pook & Brother, Quarryville.	8.46	11.56	10.00
1932	THE QUAKER OATS CO., CHICAGO, ILL. American Hen Scratch Grains, No Grit.	Ralph W. Snavely, Christ- iana.	8.88	11.13	9.00
2303	Early Bird Scratch Grains No Grit,	John Higgins, Houtzdale,	12.12	10.00	9.00
2499	Ful-O-Pep Scratch Feed, -----	C. A. Whitehill, Shippens- ville.	11.04	11.50	9.00
1764	Hen Size Schumacher Scratch Grains, No Grit.	Wilkes-Barre Milling Co., Wilkes-Barre.	9.25	11.13	9.00
2307	Schumacher Little Chicken Feed, ----	John Higgins, Houtzdale	12.37	10.44	9.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.53	1.50	3.39	5.00	40 00	Cracked corn, wheat, buckwheat, barley, oats, kaffir corn and milo and sunflower seed.	As certified, -----	2348
2.88	3.50	3.07	4.00	59 00	Wheat, sifted cracked corn, barley, kaffir corn and buckwheat.	Found also small amount whole weed seeds.	2559
3.44	2.50	2.85	5.00	2 45	Wheat, barley, cracked corn, milo, Kaffir, buckwheat, and sunflower seed.	Sunflower seed not detected.	1812
3.31	2.50	2.23	5.00	3 20	Steel cut oats, cracked wheat, cracked corn, cracked milo, Kaffir, cracked peas, rice and millet.	As certified, -----	1808
2.90	2.50	3.71	5.00	4 00	Wheat, milo, buckwheat cracked peas, hemp, millet, Kaffir.	As certified, -----	2459
2.90	2.50	2.45	5.00	2 75	Cracked corn, wheat, oat groats, milo, Kaffir, buckwheat, cracked peas.	As certified, -----	1809
2.56	2.50	1.67	5.00	2 85	Cracked wheat, cracked corn, steel cut oats, cracked milo, cracked Kaffir, cracked peas.	As certified, -----	1814
3.88	2.50	3.40	5.00	2 75	Wheat, cracked corn, barley, Kaffir, milo, buckwheat, sunflower seed.	As certified, -----	1795
4.16	3.25	3.44	5.00	2 75	Wheat, Kaffir corn or milo maize, barley, cracked corn, buckwheat and sunflower seed.	As certified, -----	1952
2.33	2.00	1.96	5.00	2 80	Cracked corn, whole wheat, whole barley, whole milo maize, cracked peas, buckwheat and $\frac{1}{2}$ of 1% sunflower seed.	Corn not detected. Found degerminated corn.	1932
2.45	2.00	1.81	5.00	50 00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize and $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	2303
3.91	2.00	2.35	5.00	-----	Whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	2499
2.00	2.00	2.32	5.00	2 30	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	1764
2.82	2.00	1.54	3.00	3 50	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, cut oat groats and millet seed.	As certified, -----	2307

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1931	Schumacher Little Chicken Feed, ----	Ralph W. Snavely, Christiana.	10.22	11.25	9.00
2423	QUISENBERRY FEED MANUFACTURING CO., BUFFALO, N. Y. Coarse Scratch Feed, -----	Mahoning Valley Milling Co., Punxsutawney.	12.35	11.13	10.00
2139	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Baby Chick Chow Feed, ----	Yardley Mills Co., Inc., Yardley.	11.87	10.56	10.00
2371	Purina Hen Chow Feed, -----	L. A. Fischer & Co., Inc., Bradford.	12.22	10.94	10.00
2299	Purina Hen Chow Feed, -----	Oil City Milling Co., Oil City.	10.75	10.44	10.00
2343	Purina Hen Chow Feed, -----	Western Flour Co., Charleroi.	10.53	10.44	10.00
2419	GEORGE L. REED MILLING CO., BROOKVILLE, PA. Scratch Feed, -----	George L. Reed Milling Co., Brookville.	11.71	11.75	-----
1779	SCHOOLEY & SON, LUZERNE, PA. Chanticleer High Grade Best Made Scratch Feed.	Schooley & Son, Luzerne	7.52	11.81	10.60
2447	SCHREIBER MILLING & GRAIN CO., ST. JOSEPH, MO. Schreiber's Best Scratch Feed, -----	W. K. Davis, Darlington	9.09	12.25	10.00
1712	SCUREMAN MILLING CO., WILKES-BARRE, PA. Tip Top Poultry Feed, -----	Scureman Milling Co., Wilkes-Barre.	9.72	12.13	10.00
2662	SHAMOKIN MILLING CO., SHAMOKIN, PA. Golden Egg Hen Food, -----	Shamokin Milling Co., Shamokin.	11.22	10.31	9.00
2403	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA. Symco Scratch Feed, -----	Spanogle-Yeager Milling Co., Lewistown.	12.30	11.50	10.00
2657	JESSE C. STEWART CO., PITTSBURGH, PA. Red Letter Scratch Feed, -----	C. F. Duncan & Son, New Florence.	11.04	10.94	10.00
2485	Red Letter Scratch Feed, -----	N. M. Weller, Ligonier,	9.79	10.56	10.00
2251	D. A. STICKELL & SONS, HAGERSTOWN, MD. Blue Ridge Scratch Grains, -----	The W. A. Hewes Co., Pottsville.	12.50	9.94	10.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
2.39	2.00	1.34	3.00	3 00	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, cut oat groats and millet seed.	Corn not detected. Found degerminated corn.	1931
3.43	3.00	2.28	5.00	2 90	Wheat, cracked corn, Kaffir corn, milo maize, buckwheat.	As certified, -----	2423
2.31	2.00	1.81	4.00	3 50	Wheat, corn, Kaffir, milo and millet.	Corn identified as cracked and screened corn.	2139
3.52	2.50	3.50	4.00	3 00	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower seed.	As certified, -----	2371
3.39	2.50	2.88	4.00	2 70	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower seed.	As certified, -----	2299
3.14	2.50	3.50	4.00	49 70	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower seed.	As certified, -----	2343
2.65	-----	2.61	-----	2 90	Cracked corn, wheat, buckwheat, barley.	As certified, -----	2419
4.16	3.57	4.06	3.19	2 60	Wheat, cracked wheat, cracked corn, oats, Kaffir corn or milo maize, split peas, feeding rice, barley, buckwheat, sunflower and cane seed.	Rice not detected. Found also rye and a small amount whole weed seeds.	1779
3.65	2.50	2.70	4.00	50 00	Wheat, cracked corn, Kaffir corn or milo maize, buckwheat, barley, sunflower seed.	As certified, -----	2447
3.14	2.50	3.00	5.00	2 65	Cracked corn, Kaffir corn, wheat, buckwheat, barley and sunflower seed.	As certified, -----	1712
3.27	3.00	2.56	2.50	2 90	Wheat, buckwheat, Kaffir corn, cracked corn, oats.	As certified, -----	2662
2.66	2.50	2.15	5.00	2 60	Cracked corn, wheat, Kaffir corn, milo maize, buckwheat and sunflower seed.	As certified, -----	2463
3.29	2.50	4.13	5.00	3 10	Wheat, cracked corn, oats, barley, Kaffir corn or milo maize, buckwheat and sunflower seed.	Found also small amount whole weed seeds.	2687
3.74	2.50	3.09	5.00	2 90	Wheat, cracked corn, oats, barley, Kaffir corn or milo maize, buckwheat and sunflower seed.	Found also large amount of whole weed seeds, largely wild buckwheat and wild oats.	2485
3.46	2.50	2.33	5.00	2 90	Wheat, buckwheat, barley, milo maize or Kaffir, cracked Indian corn and sunflower seeds.	Found also rye and a small amount whole weed seeds.	2251



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2292	Blue Ridge Scratch Grains, -----	Robert W. Wertz, Wernersville.	10.89	11.50	10.00
2250	Stickell's Faney Scratch Grains, ----	The W. A. Hewes Co., Pottsville.	11.86	10.06	10.00
	THOMAS-BOYCE FEED COMPANY, ATTICA, N. Y.				
2007	Direct Chick Feed, -----	Pomona No. 3 Exchange, West Chester.	9.31	12.13	10.00
2088	Servus Scratch Feed, -----	Harry H. Pratt, West Chester.	7.87	11.88	10.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
1891	Ti-O-Ga Chick Feed, -----	Kelley Brothers, Washingtonville.	8.81	10.81	10.00
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
2591	Camp's Red Ball Scratch Feed, ----	A F. McClure, Big Run,	12.41	11.00	10.00
	F. S. WERTZ & SON, READING, PA.				
2297	Mixed Grains for Poultry, -----	F. S. Wertz & Son, Reading.	11.45	11.00	10.00
	WESTERN FEED MANUFACTURERS, INC., CHICAGO, ILL.				
2167	Sure Pay Scratch Feed, -----	D. Kline's Department Store, Bolivar.	6.51	11.69	9.00
	THE WHITE MILLING CO., BLOOMSBURG, PA.				
2556	Pure Grain Hen Food, -----	The White Milling Co., Bloomsburg.	11.58	11.56	9.00
	WOLFE & HUFFMAN, WATSON-TOWN, PA.				
1867	Wolfe's Scratch Grains, -----	Wolfe & Huffman, Watsontown.	8.03	12.38	-----
	G. W. WORRICK, MACKEYVILLE, PA.				
1650	*Hen Feed, -----	M. L. Claster, Lock Haven.	9.27	11.94	-----
	L. E. YAGEL, MILLMONT, PA.				
1734	*Hen Food, -----	L. E. Yagel, Millmont, --	8.01	11.81	8.00
	MASH FEED.				
	ACME MILLING COMPANY, OLEAN, N. Y.				
1674	Acme Brand Dry Mash, -----	Walcott Brothers, Eldred,	10.06	19.69	16.00
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
2253	Portage Laying Mash with Butter-milk.	W. L. Roess, Oil City, --	9.83	19.88	20.00

\*Not Registered.



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.01	2.50	2.36	5.00	3 00	Wheat, buckwheat, rye, barley, milo maize, Indian corn, Kaffir, sunflower seeds.	Found also small amount wild oats.	2292
3.60	2.50	2.94	5.00	2 90	Wheat, buckwheat, barley, milo maize or Kaffir, cracked Indian corn, sunflower seeds.	As certified, -----	2250
3.45	2.00	2.00	5.00	3 00	Cracked wheat, steel cut oats, cracked barley, cracked corn.	As certified, -----	2007
3.52	2.50	2.82	5.00	54 00	Wheat, corn, barley, buckwheat, sunflower seed.	As certified, -----	2088
3.44	3.00	1.76	3.50	3 00	Oat meal, cracked wheat, cracked Kaffir corn, cracked corn.	As certified, -----	1891
2.45	2.50	2.92	5.00	-----	Cracked corn, whole wheat, Kaffir corn, barley, oats, buckwheat and sunflower seed.	As certified, -----	2591
3.13	3.00	2.56	4.00	50 00	Cracked corn, barley, Kaffir corn, wheat, buckwheat.	Found also sunflower seed.	2297
4.36	3.00	5.16	5.00	2 35	Cracked corn, wheat, wheat, milo and wheat oats, barley, buckscreenings.	Found also large amount whole weed seeds.	2167
2.91	3.50	3.35	6.00	2 70	Wheat, buckwheat, cracked corn, Kaffir corn, barley, oats, sunflower seed.	As certified, -----	2556
4.11	-----	3.50	-----	2 25	Wheat, oats, buckwheat and cracked corn.	Found also small amount small whole weed seeds.	1867
2.94	-----	2.80	-----	2 75	-----	Cracked corn, wheat, buckwheat and small amount whole weed seeds.	1650
3.28	3.00	2.40	5.00	2 65	Cracked corn, wheat, buckwheat, barley, oats, grit and oyster shells.	Found also large amount whole weed seeds, largely corn cockle.	1734
5 58	3.00	6.07	7.00	2 85	Corn feed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (may or may not contain ground screenings not exceeding mill run), meat and bone scraps, alfalfa and salt.	Found also cottonseed meal.	1674
3.10	4.00	3.65	9.00	3 50	Dried buttermilk, oat middlings, oat flour, granulated meat meal, wheat middlings, wheat bran, alfalfa flour, corn feed meal.	As certified, -----	2355

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	AMERICAN LINSEED COMPANY, MINNEAPOLIS, MINN.		%	%	%
1975	Alinco Egg Mash with Dried Butter-milk.	Thompson & Fordyce, Waynesburg.	9.54	22.00	20.00
	AMERICAN MILLING CO., PEORIA, ILL.				
1905	Suerene Buttermilk Chick Mash, ---	B. S. Stauffer & Co., Lawn.	9.37	19.00	18.00
1902	Suerene Buttermilk Egg Mash, ---	B. S. Stauffer & Co., Lawn.	8.89	19.75	18.00
2356	Suerene Buttermilk Egg Mash, ---	Watson town Fertilizer Co., Inc., Watson town.	9.49	19.88	18.00
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
2462	Clover Leaf Mills Egg Mash with Buttermilk.	J. B. Anderson's Son, Shickshinny.	6.86	23.00	20.00
2024	Wonder Growing Mash with Dried Buttermilk.	M. E. Noecker & Co., Kinberton.	8.93	18.13	16.00
2463	Wonder Mash with Buttermilk.	J. B. Anderson's Son, Shickshinny.	6.82	22.19	20.00
2428	Wonder Mash with Buttermilk, ---	J. B. Hayward & Son, Monongahela,	9.74	19.88	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.83	5.00	7.62	8.50	3 40	Meat meal, fine ground corn, pulverized oats, pulverized barley, linseed oil meal, wheat bran, wheat middlings, alfalfa meal, dried buttermilk.	Found also tankage,	1975
5.05	4.00	5.04	8.00	3 50	Dried butter milk, blood meal, linseed oil meal, meat meal, wheat bran, alfalfa meal, wheat middlings, corn feed meal, 1% bone meal, 1% salt and 2% calcium carbonate.	As certified, -----	1905
4.63	3.50	5.52	9.00	3 40	Dried buttermilk, linseed oil meal, meat meal, wheat middlings, corn feed meal, wheat bran, ground oats, alfalfa meal, 1% salt and 3% calcium carbonate.	Found also corn gluten feed and small amount ground grain screenings.	1902
5.07	3.50	5.78	8.00	60 00	Dried buttermilk, linseed oil, meal, meat meal, wheat middlings, corn feed meal, wheat bran, ground oats, alfalfa meal, 1% salt and 3% calcium carbonate.	Found also small amount ground grain screenings.	2356
5.65	4.50	6.86	8.00	3 75	Pure old process linseed oil meal, meat oat meal, meat meal, corn feed meal, corn gluten feed, wheat bran, wheat middlings, alfalfa meal, dried buttermilk, bone meal, calcium carbonate, and $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	2462
5.60	4.00	6.19	7.00	3 50	Meat scrap, alfalfa meal, corn feed meal, wheat bran, wheat middlings, oat meal, old process linseed oil meal, corn gluten feed, ground fish scraps, bone meal, dried buttermilk, calcium carbonate, $\frac{1}{2}$ of 1% salt.	Salt not detected, ----	2024
5.58	4.50	7.06	8.00	3 75	Pure old process linseed meal, corn gluten feed, rolled oats, oat meal, meat meal, corn feed meal, wheat bran, wheat middlings, alfalfa meal, dried buttermilk, bone meal, calcium carbonate, $\frac{1}{2}$ of 1% fine table salt.	Salt not detected, ----	2463
4.74	4.50	6 50	8.00	-----	Meat scraps, gluten feed wheat bran, wheat middlings, oatmeal, alfalfa meal, corn feed meal, O. P. linseed oil meal, corn meal, dried buttermilk, calcium carbonate, $\frac{1}{2}$ of 1% salt.	Dried buttermilk not detected. Found also tankage.	2428

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2518	Wonder Mash with Buttermilk, -----	M. W. Shearer, Millvale,	9.34	20.06	20.00
2450	J. J. BADENOCH CO., CHICAGO, ILL. Sunflower Egg Mash, -----	R. G. Dodds, Beaver Falls.	7.04	18.88	16.00
2171	BERGIN & COMPANY, NANTICOKE, PA. Egg Mash, -----	Bergin & Company, Nanticoke.	8.78	21.00	18.00
2172	Little Chick Mash, -----	Bergin & Company, Nanticoke.	9.57	15.69	16.00
1861	BLANK & GOTTSHALL CO., INC., SUNBURY, PA. B. & G. Laying Mash with Buttermilk.	George B. Phillips, Milton.	8.32	18.31	17.00
2006	BRACKBILL & RUTT, PARADISE, PA. Laying Mash, -----	Brackbill & Rutt, Paradise.	7.55	22.63	-----
2224	COMMUNITY FLOURING MILLS, BERWICK, PA. Pure Egg Producing Mash, -----	Community Flouring Mills, Berwick.	8.85	24.38	22.16
2339	G. E. CONKEY COMPANY, CLEVELAND, OHIO. Conkey's Buttermilk. Meat, Grain and Bone Laying Mash.	Fayette Feed Co., Fayette City.	9.75	20.56	20.00
2270	DANVILLE MILLING CO., DANVILLE, PA. Egg Producer, -----	Danville Milling Co., Danville,	9.26	19.31	15.00
1841	THE ALBERT DICKINSON CO., CHICAGO, ILL. Globe Egg Mash, -----	A. Davidson Feed Co., McKeesport.	9.23	20.19	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.20	4.50	6.55	8.00	4 15	Meat scraps, gluten feed, wheat middlings, wheat bran, oat meal, alfalfa meal, corn feed meal, O. P. linseed oil meal, bone meal, dried buttermilk, rolled oat groats, calcium carbonate, $\frac{1}{2}$ of 1% salt.	Salt not detected, ---	2518
4.55	4.00	7.35	10.00	52 00	Ground corn feed meal, wheat bran, standard middlings, old process oil meal, wheat screenings, meat scraps, alfalfa meal, gluten meal, calcium carbonate and salt.	Found also small amount of small whole weed seeds.	2450
6.48	3.00	7.90	8.00	3 10	Ground oats, charcoal, O. P. oil meal, salt, corn meal, wheat middlings, gluten, beef scraps, wheat bran, dried buttermilk.	Found also small amount ground grain screenings.	2171
4.84	4.00	6.50	6.00	3 20	Sifted ground oats, corn meal, wheat middlings, bran, charcoal, dried buttermilk, bone meal.	As certified, -----	2172
5.14	5.00	6.63	6.50	3 50	Corn feed meal, fine ground feeding oat meal, gluten feed, wheat bran, wheat middlings, alfalfa meal, linseed meal, meat meal, charcoal, salt and powdered buttermilk.	Found also buckwheat.	1861
5.67	-----	7.33	-----	2 70	Pure wheat bran, wheat flour middlings, corn chop, oats chop, oil meal, gluten, alfalfa meal, charcoal, beef scrap.	As certified, -----	2006
5.99	5.05	9.02	8.32	2 50	Wheat bran, wheat middlings, corn meal, oats chop, meat scraps, alfalfa meal, charcoal and fish scraps.	As certified, -----	2224
5.76	5.00	5.88	6.00	59 10	Buttermilk, corn meal, corn feed meal, ground barley, bean meal, wheat middlings, oil meal, bone and meat scraps, $\frac{3}{4}$ of 1% salt.	Buttermilk and bean meal not detected. Found also small amount ground grain screenings.	2339
5.70	4 00	5.11	6.00	2 50	Corn meal, middlings, bran, alfalfa, oil meal, meat scrap, $\frac{1}{4}$ of 1% salt.	As certified, -----	2270
5.57	5.00	6.20	7.00	3 75	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal. $\frac{1}{2}$ of 1% salt.	As certified, -----	1841

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2510	Globe Egg Mash, -----	J. A. Gault Co., Kit-tanning,	10.97	21.56	20.00
2351	Globe Egg Mash, -----	George A. Seavy, Sharpsburg.	10.02	21.31	20.00
2067	A. DUNN & SON, TIDIOUTE, PA. *Mash Feed, -----	Dunn & Son, Tidioute, --	9.86	18.88	-----
2096	GRIFFITH ELLIS, INDIANA, PA. Ellis' Meat and Bone Mash, -----	Griffith Ellis, Indiana,	10.40	18.13	16.00
1939	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Baby Chick Starter, ----	Joseph C. Walker & Sons Co., Gap.	8.42	17.31	10.00
2245	Eshelman's Growing Mash, -----	Speacht Brothers, Potts-ville.	9.63	20.88	16.00
2610	H. L. GARRISON & BROTHER, BERWICK, PA. Extra Quality Mash, -----	H. L. Garrison & Broth-er, Berwick.	9.38	19.63	16.00
2496	HALES & HUNTER CO., CHICA- GO, ILL. Red Comb Egg Mash, -----	Bookwalter & Kerr, Corsica,	8.61	20.41	20.00
2036	THE HELLER MILLING CO., WAPWALLOPEN, PA. Laying Mash, -----	The Heller Milling Co., Wapwallopen.	6.92	19.44	-----
2660	THE HEX MILLING CO., SHAMO- KIN, PA. Poultry Mash, -----	The Hex Milling Co., Shamokin.	9.44	23.75	15.00
2301	THE H-O CEREAL COMPANY, INC., BUFFALO, N. Y. Algrane Laying Mash, -----	Clyde D. Duffee, Oil City.	8.32	20.56	20.00

\*Not registered



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.62	5.00	6.11	7.00	3 65	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, 1% salt.	Found also small amount ground grain screenings.	2510
5.84	5.00	6.27	7.00	68 00	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	As certified, -----	2351
6.55	-----	5.61	-----	3 00	Corn and oats chop corn meal, middlings, bran, beef scraps.	As certified, -----	2067
7.60	4.00	4.00	5.00	3 00	Wheat bran, brown wheat middlings, corn meal, crushed oats, meat and bone meal.	As certified, -----	2696
5.75	4.00	4.21	5.00	4 00	Oat meal, kiln dried corn meal, cooked and baked wheat feed, wheat midds, powered buttermilk, 2% bone meal, 2% O. P. oil meal.	As certified, -----	1939
6.17	4.00	6.08	8.00	3 75	10% dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, 2% old process meal, 1% alfalfa meal.	Barley not detected, --	2245
5.92	5.00	8.26	10.00	2 70	Ground corn and oats, bran, middlings, alfalfa meal and beef scrap.	As certified, -----	2610
5.36	4.50	4.54	7.00	3 60	Corn feed meal, ground oats, wheat bran, wheat middlings, corn gluten feed, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 5% calcium carbonate.	Alfalfa meal and linseed oil meal not detected. Found also malt sprouts, malted barley and barley.	2496
6.25	-----	9.20	-----	3 25	Corn meal, wheat bran, wheat middlings, ground oats, alfalfa meal and beef scraps.	As certified, -----	2036
4.95	3.75	7.72	7.50	3 00	Wheat bran, corn meal, ground oats, gluten, middlings, beef scrap, alfalfa meal.	Found also wild oats and small amount ground grain screenings.	2660
5.65	4.50	4.76	6.00	3 35	Steam cooked rolled oats and oat midds., ground corn, ground peas, wheat midds., and wheat bran (with mill run screenings), hominy feed, meat scraps, bone meal, linseed oil meal, corn gluten feed.	As certified, -----	2301

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1835	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL. Laying Mash with Dried Buttermilk.	R. J. Toepfer, Tarentum.	8.83	20.63	20.00
2225	KASCO MILLS, INC., WAVERLY, N. Y. Kasco Chick Mash with Dried Buttermilk.	Community Flouring Mills, Berwick.	9.54	20.06	20.00
2185	KINGSTON FEED MILLS, KINGSTON, PA. Blue Ribbon Hen-O-La Mash, -----	Kingston Feed Mills, Kingston.	6.75	16.88	10.15
2190	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Kookoo Egg Mash, -----	Kingston Feed Mills, Kingston.	8.91	20.93	20.00
1821	Kookoo Egg Mash, -----	William J. Sybert, Nanty-Glo.	8.07	20.94	20.00
2578	THE LADISH COMPANY, MILWAUKEE, WIS. True Value Egg Mash with Buttermilk.	F. M. Edwards & Sons, Shelocta.	9.30	21.31	20.00
2362	H. H. LYSINGER & SON, BEDFORD, PA. Lysinger's High Power Egg Mash.	H. H. Lysinger & Son, Bedford.	10.19	22.25	20.00
2392	THE McMILLEN COMPANY, FORT WAYNE, IND. Wayne Egg Mash with Dried Buttermilk.	Glen E. Tingley, New Milford.	10.71	20.19	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.44	4.00	7.90	9.00	3 50	Wheat bran, wheat middlings, oat flour, oat midds, granulated alfalfa flour, corn feed meal, ground oats, pure dried buttermilk, 1% calcium carbonate and salt.	As certified, -----	1835
5.92	4.00	4.32	5.50	4 15	Wheat red dog flour, oat meal, wheat middlings, wheat bran, corn meal, linseed oil meal, dried buttermilk, meat scrap, bone meal, $\frac{3}{4}$ of 1% salt.	As certified, -----	2225
4.22	3-5	6.02	8-10	2 65	Gluten meal, wheat middlings, ground oats, bran, pea meal, oil meal, alfalfa meal, fish meal, Hen-E-Ta.	As certified, -----	2185
4.88	5.25	6.44	6.00	3 70	Meat scraps, corn gluten meal, fish meal, dried buttermilk, corn flour, wheat bran, wheat middlings, fine alfalfa meal, badger hominy feed, bone meal and salt.	Found also small amount ground grain screenings.	2190
5.44	5.00	5.55	6.00	3 85	Meat scraps, corn gluten meal, fish meal, dried buttermilk, corn flour, wheat bran, wheat middlings, fine alfalfa meal, badger hominy feed, bone meal and salt.	Found also corn germ meal.	1821
5.79	5.00	5.98	10.00	3 75	Dried buttermilk, flour middlings, wheat bran, O. P. linseed oil meal, fine alfalfa meal, corn gluten feed, corn meal, oat meal, meat meal and salt.	As certified, -----	2578
5.82	5.00	8.21	7.00	2 75	Wheat bran, wheat middlings, pure corn and coats chop, alfalfa meal, charcoal, beef scraps, oil meal and salt.	As certified, -----	2362
4.16	3.70	5.84	8.00	3 50	Dried buttermilk, meat scraps, wheat bran, wheat middlings, corn gluten feed, corn feed meal, ground barley, cottonseed meal, linseed oil meal, alfalfa meal, molasses.	Found also small amount small whole weed seeds.	2392

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2010	MARITIME MILLING CO., INC., BUFFALO, N. Y. Bull Brand Laying Mash with Dried Buttermilk.	Fisher & Nolan, West Chester.	9.15	20.81	20.00
2517	Bull Brand Laying Mash with Dried Buttermilk.	Orwigsburg Milling Co., Orwigsburg.	11.68	20.19	20.00
2140	Jersey Dry Mash with Dried Buttermilk.	N. B. Keim & Son, South Langhorne.	9.01	18.63	18.00
1716	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Mixed Chicken Feed, -----	Miner-Hillard Milling Co., Wilkes-Barre.	9.18	10.94	8.00
1714	No. 1 Poultry Mash, -----	Miner-Hillard Milling Co., Wilkes-Barre.	8.51	20.25	20.00
2268	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Marathon Laying Mash with Buttermilk.	H. M. Brown, Indiana, --	7.62	20.31	20.00
2491	Marathon Laying Mash with Buttermilk.	McCauley-McKay & Co., Brockwayville.	9.81	20.81	20.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.55	5.00	6.89	8.00	3 25	Dried buttermilk, O. P. linseed oil meal, wheat bran, wheat middlings, corn gluten feed, hominy feed, corn meal, ground oats, oat middlings, alfalfa meal, meat and bone meal and ½ of 1% salt. (Wheat bran and wheat middlings may contain mill run of ground screenings.)	As certified, -----	2010
3.13	5.00	7.11	8.00	3 50	Dried buttermilk, O. P. linseed oil meal, wheat bran, wheat middlings, corn gluten feed, hominy feed, corn meal, ground oats, oat middlings, alfalfa meal, meat and bone meal and ½ of 1% salt. (Wheat bran and wheat middlings may contain mill run of ground screenings.)	Buttermilk not detected. Found instead crude milk, albumen from milk sugar.	2517
5.28	5.00	6.15	9.00	3 35	Dried buttermilk, wheat bran, wheat middlings ground oats, corn meal and beef scrap. (Wheat bran and wheat middlings may contain mill run of ground screenings.)	Dried buttermilk not detected. Found also ground barley, charcoal and dried milk albumen from milk sugar.	2140
4.02	2.00	3.50	4.00	2 45	Coarse hominy, Kaffir corn, buckwheat grains, wheat, cracked corn, grit, cracked peas, sunflower seed, barley, milo maize.	As certified, -----	1716
5.76	5.50	5.80	9.00	3 00	Wheat bran, wheat middlings, beef scrap, hominy feed, corn meal, corn germ meal, buckwheat middlings, ground oats, alfalfa meal, gluten feed, cottonseed meal, O. P. oil meal, dried buttermilk.	As certified, -----	1714
5.54	4.00	7.33	9.00	3 00	Wheat bran, wheat middlings, corn gluten feed, linseed oil meal, fine ground oats, ground barley, corn feed meal, meat scraps, dried buttermilk.	Found also small amount ground grain screenings.	2268
4.83	4.25	6.90	9.00	4 00	Wheat bran, wheat middlings, corn gluten feed, linseed oil meal, fine ground oats, ground barley, corn feed meal, meat scraps and buttermilk.	Found also small amount ground grain screenings.	2491

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2314	THE PARK & POLLARD CO., BUFFALO, N. Y. Bonnie Booster, -----	Harry P. Freas, Dun- more,.	9.80	14.75	12.00
2315	Growing Feed, -----	Harry P. Freas, Dun- more.	8.40	16.00	14.00
2311	Lay or Bust Dry Mash, -----	Harry P. Freas, Dun- more.	9.46	17.19	18.00
2665	Lay or Bust Dry Mash, -----	Shamokin Milling Co., Shamokin.	9.52	18.38	18.00
2679	PENNSYLVANIA FARMERS CO- OPERATIVE FEDERATION, PHILADELPHIA, PA. P. F. C. F. Egg Mash, -----	E. H. Groff, Indiana, --	9.84	20.88	20.00
2086	P. F. C. F. Egg Mash, -----	Harry H. Pratt, West Chester.	8.65	25.00	22.00
2539	P. F. C. F. Egg Mash, -----	S. S. Wetzel, Marion Center.	9.76	21.88	20.00
2560	PRAIRIE STATE MILLING CO., CHICAGO, ILL. Early Egg Laying Mash, -----	C. A. Marshall, Imperial	8.13	19.50	18.00
1810	PRATT FOOD COMPANY, PHILADELPHIA, PA. Pratt's Supreme Growing Mash with Buttermilk.	John G. Early & John A. Detweiler, Palmyra.	9.09	18.63	17.50
2231	J. E. PRITTS, SCOTTDALÉ, PA. Pritts' Laying Mash, -----	J. E. Pritts, Scottdale, --	11.19	22.38	-----



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
3.46	3.00	3.31	3.00	73 70	Ground alfalfa, corn, wheat, barley, oats, fish, meat, bone meal, wheat bran, wheat middlings, rice, calcium carbonate, salt and dried buttermilk.	Dried buttermilk not detected.	2314
4.24	1.50	5.39	8.00	56 70	Ground: Alfalfa, barley, corn, wheat, oats, meat and bone meal, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Dried buttermilk not detected. Found also small amount tankage.	2315
3.47	1.50	6.51	12.00	55 70	Ground: Corn, wheat, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Dried buttermilk not detected. Found also small amount tankage.	2311
4.90	1.50	6.34	12.00	3 70	Ground: Corn, wheat, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Found also tankage and small amount ground grain screenings.	2665
5.22	3.50	6.33	7.00	2 38	Wheat flour middlings, corn gluten feed, ground oats—fine, corn meal, standard wheat bran, meat scraps 55%.	As certified, -----	2679
5.61	3.50	6.75	7.00	53 39	Meat scraps (70% Pro.) wheat flour middlings, corn gluten feed, ground oats—fine, corn meal, wheat standard bran.	As certified, -----	2086
5.56	3.50	6.74	7.00	2 50	Wheat flour middlings, corn gluten feed, ground oats—fine, corn meal, standard wheat bran, meat scraps 55%.	Found also small amount ground grain screenings.	2539
6.23	4.00	5.39	7.00	70 00	Dried buttermilk, wheat middlings, wheat bran, old process oil meal, fish meal, beef scraps, corn feed meal, alfalfa meal (fine ground) and not over 5% calcium carbonate.	As certified, -----	2560
5.57	4.50	5.28	7.00	3 60	Dried buttermilk, oat meal, corn meal, wheat middlings and wheat bran, bone meal, meat scrap, fish meal.	As certified, -----	1810
5.86	-----	7.83	-----	2 50	Alfalfa meal, oil meal, meat scrap, fish scraps, corn chop, bran, middlings, charcoal, oats chop.	Found also ground barley and small amount ground grain screenings.	2231

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE QUAKER OATS CO., CHICAGO, ILL.		%	%	%
1929	Ful-O-Pep Chick Starter, -----	Ralph W. Snavely, Christiana.	7.10	17.81	15.00
2523	Ful-O-Pep Egg Mash, -----	Adam Diehl & Son, Pittsburgh.	8.63	20.94	20.00
2306	Ful-O-Pep Egg Mash, -----	John Higgins, Houtzdale,	10.70	21.94	20.00
1792	Ful-O-Pep Growing Mash, -----	John M. Burkholder, Hummelstown.	7.41	20.38	17.00
2119	QUISENBERRY FEED MANU- FACTURE CO., BUFFALO, N. Y. Quisenberry Quality Growing Mash with Buttermilk.	South Perkasio Mills, Perkasie.	10.19	16.06	15.00
2422	Quisenberry Quality Laying Mash with Buttermilk.	Mahoning Valley Milling Co., Punxsutawney.	10.67	19.94	18.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
6.07	5.00	5.75	6.50	4 60	Oat meal, hominy feed, yellow hominy feed, corn gluten feed, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), bone meal, fish meal, ground puffed wheat, alfalfa meal, cod liver oil.	As certified, -----	1923
5.48	4.00	8.20	10.00	4 25	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, cottonseed meal, wheat bran and wheat middlings, bone meal, fish meal, meat scraps, alfalfa meal, ground grain screenings from wheat.	As certified, -----	2523
5.74	4.00	7.70	10.00	70 00	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, cottonseed meal, wheat bran and wheat middlings, bone meal, fish meal, meat scraps, alfalfa meal, ground grain screenings from wheat.	As certified, -----	2306
5.72	5.25	5.64	9.00	3 75	Hominy feed, yellow hominy feed, corn gluten feed, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal, fish meal, bone meal, meat scraps, ground puffed wheat and alfalfa meal.	As certified, -----	1792
5.83	4.00	5.02	6.00	3 50	Corn meal, wheat middlings, wheat bran (may contain mill run screenings), oat flour, beef and bone scrap, dried buttermilk, alfalfa meal, bone meal, charcoal, salt, calcium phosphate, calcium carbonate, gentian.	As certified, -----	2112
5.49	4.00	4.81	5.00	2 75	Corn meal, corn germ meal, wheat middlings, wheat bran (may contain mill run screenings), oat flour, beef and bone scraps, alfalfa meal, dried buttermilk, linseed oil meal, powdered charcoal, fine salt, calcium carbonate, corn oil cake meal, capsicum.	As certified, -----	2421

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2120	Quisenberry Quality Laying Mash with Buttermilk.	South Perkaskie Mills, Perkaskie.	10.01	18.44	18.00
2121	Quisenberry Quality Starting Food with Buttermilk.	South Perkaskie Mills, Perkaskie.	10.95	17.50	15.00
2370	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Chicken Chowder, -----	L. A. Fischer & Co., Inc., Bradford.	9.60	20.50	19.00
2298	Purina Chick Startena Feed, -----	Oil City Milling Co., Oil City.	9.25	18.25	17.00
2138	Purina Chick Startena Feed, -----	Yardley Mills Co., Inc., Yardley.	8.93	19.38	17.00
2210	THE RICHARDS & EVANS COM- PANY, CORTLAND, OHIO. Richards' Laying Mash, -----	National Flour & Feed Co., Fayette City.	9.25	20.56	20.50
1778	SCHOOLEY & SON, LUZERNE, PA. Chanticleer Laying Mash, -----	Schooley & Son, Luzerne,	7.50	18.13	-----

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
5.16	4.00	4.79	5.00	3 19	Corn meal, corn germ meal, wheat middlings, wheat bran (may contain mill run screenings), oat flour beef and bone scraps, alfalfa meal, dried buttermilk, linseed oil meal, powdered charcoal, fine salt, calcium carbonate, corn oil cake meal, capsicum.	As certified, -----	2120
5.28	3.50	3.77	5.00	4 50	Corn meal, wheat middlings, wheat bran, ground oats, meat and bone scrap (meal), dried buttermilk, bone meal, powdered charcoal, fine salt, calcium phosphate, calcium carbonate, less than 1% iron oxide, less than 1% gentian.	As certified, -----	2121
5.42	4.00	8.30	9.00	3 75	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal, not over 1% salt.	Found also ground Kaffir corn and tankage.	2370
5.46	4.00	6.77	7.50	4 50	Dried buttermilk, oat meal, alfalfa flour, corn meal, wheat bran, linseed flour, wheat middlings, granulated meat, $\frac{1}{2}$ of 1% charcoal and $\frac{1}{2}$ of 1% salt.	Dried buttermilk not detected. Found present small amount ground grain screenings.	2298
5.73	4.00	7.18	7.50	4 75	Dried buttermilk, oat meal, alfalfa flour, corn meal, wheat bran, linseed flour, wheat middlings, granulated meat, $\frac{1}{2}$ of 1% charcoal and $\frac{1}{2}$ of 1% salt.	Found also ground Kaffir corn.	2138
4.80	3.00	5.51	6.90	58 40	Corn feed meal, pure bran, gluten feed, digester tankage, meat scraps, ground oat groats, fish meal, bone flour, milk albumen, bone meal, oil meal, alfalfa meal, copra meal.	As certified, -----	2210
4.16	-----	7.15	-----	2 70	Oil meal, cottonseed meal, gluten meal, corn meal, alfalfa meal, brown middlings, hominy, ground oats, rolled oats, beef scrap, wheat bran, dried buttermilk, and salt.	Buttermilk not detected.	1773

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
1930	J. C. SNAVELY & SONS, LANDISVILLE, PA. Snaveley's Laying Mash, -----	Ralph W. Snaveley, Christiana.	7.10	34.69	25.00
2405	SPANOGLE-YEAGER MILLING CO., LEWISTOWN, PA. Symco Chick Growing Mash, -----	Spanogle-Yeager Milling Co., Lewistown.	9.23	18.94	18.00
2404	Symco Laying Mash, -----	Spanogle-Yeager Milling Co., Lewistown.	9.03	20.25	18.00
2406	Symco Starting Mash, -----	Spanogle-Yeager Milling Co., Lewistown.	9.19	16.56	18.00
1755	W. H. STEVENSON, MIDVALE, PA. *Lay Mash, -----	W. H. Stevenson, Midvale.	6.93	25.44	-----
2249	D. A. STICKELL & SONS, HAGERSTOWN, MD. Blue Ridge Egg Mash, -----	The W. A. Hewes Co., Pottsville.	9.57	19.31	16.00
2089	THOMAS-BOYCE FEED CO., ATTICA, N. Y. Direct Egg Mash with Milk, -----	Harry H. Pratt, West Chester.	9.65	20.25	20.00
1893	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y. Chicatine, -----	Kelly Brothers, Washingtonville.	8.30	22.19	18.00
2590	THE TOLEDO GRAIN & MILLING CO., TOLEDO, O. Camp's Red Ball Egg Mash, -----	A. F. McClure, Big Run,	9.51	18.00	16.00
2567	TYRONE MILLING CO., TYRONE, PA. Jersey Mash, -----	Tyrone Milling Co., Tyrone, Pa.	8.19	20.50	19.00
1797	THE UBIKO MILLING COMPANY, CINCINNATI, OHIO. Egg Mash with Buttermilk, -----	John M. Burkholder, Hummelstown.	7.98	23.06	20.00

\*Not Registered.



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
7.31	5.00	7.38	10.00	2 80	Corn meal, oats chop, Gluten, cottonseed meal, bran, wheat middlings, alfalfa meal, meat scrap, fish scrap, oil meal.	As certified, -----	1930
6.11	4.00	5.35	8.00	3 60	Corn feed meal, wheat middlings, corn gluten feed, oat flour, linseed oil meal, meat scraps, bone meal, dried buttermilk, barley flour and fine alfalfa meal.	As certified, -----	2405
5.57	4.00	5.84	8.00	3 40	Corn feed meal, dried buttermilk, meat scrap, linseed oil meal, soy bean oil meal, wheat bran, wheat middlings ground oats, ground barley and fine alfalfa meal.	As certified, -----	2404
5.05	4.00	5.66	8.00	3 75	Dried buttermilk, corn feed meal, meat and bone meal, linseed oil meal, oat flour, barley flour, wheat middlings and fine alfalfa meal.	As certified, -----	2406
3.35	-----	6.04	-----	3 00	Bran, middlings, oats chop, corn chop, meat scraps.	As certified, -----	1755
4.37	3.50	6.94	12.00	4 25	Middlings, hominy, meat meal, gluten feed, cottonseed meal, alfalfa meal, bran, calcium carbonate.	As certified, -----	2249
5.77	4.00	5.88	7.00	3 00	Dried milk, fish meal, granulated meat, wheat flour middlings, wheat bran, ground barley, corn meal, corn gluten feed, linseed oil meal.	Dried milk not detected. Found also ground oats.	2089
5.90	3.00	4.29	6.00	4 00	Corn meal, wheat middlings, hominy feed, corn gluten meal, powdered buttermilk, fish meal, meat and bone scrap, wheat bran, Kaffir corn meal, phosphate of lime 2½%.	As certified, -----	1893
4.31	3.50	5.55	7.50	3 50	Wheat bran, corn meal, ground wheat middlings, gluten feed, fine alfalfa meal, charcoal and milk albumen.	As certified, -----	2590
6.18	5.00	4.75	7.00	60 00	Wheat bran, wheat middlings, ground corn, ground oats, meat scrap.	As certified, -----	2567
5.00	4.00	5.02	6.00	3 60	Meat meal, bone meal, corn meal, wheat bran, wheat middlings, whole ground oats, corn gluten feed, O. P. linseed meal and dried buttermilk.	Dried buttermilk not detected.	1797

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	WALKER, DIEHL & WALKER, CHAMBERSBURG, PA.		%	%	%
1749	Mash Feed, -----	Walker, Diehl & Walker, Chambersburg.	9.57	19.63	-----
	WARREN CITY MILLS, WARREN, PA.				
2052	Quality Egg Mash, -----	Warren City Mills, Warren.	7.75	21.69	20.00
	THE WHITE MILLING CO., BLOOMSBURG, PA.				
2555	Keystone Egg Producer Poultry Mash with Buttermilk.	The White Milling Co., Bloomsburg.	8.17	20.00	18.00
	WOLFE & HUFFMAN, WATSONTOWN, PA.				
1868	Wolfe's Laying Mash, -----	Wolfe & Huffman, Wat- sontown.	6.66	18.25	-----
	H. C. ZACHARIAS, BRANDTS- VILLE, PA.				
1746	Monroe Poultry Mash, -----	H. C. Zacharias, Brandts- ville.	9.49	20.94	20.00
	ANIMAL BY-PRODUCTS. MEAT AND BONE SCRAP. THE AMERICAN AGRICULTURAL CHEMICAL COMPANY, NEW YORK, N. Y.				
2284	Big 50 Meat and Bone Scrap, -----	Hespenheide & Thompson, York.	8.09	50.19	50.00
2049	Big 50 Meat and Bone Scrap, -----	Warren City Mills, Warren.	7.25	52.38	50.00
2285	Prottox Meat and Bone Scrap, ----	Hespenheide & Thompson, York.	8.08	54.75	55.00
2264	Prottox Meat and Bone Scrap, ----	Rossmoyne Flouring Mills, Smicksburg.	5.83	57.75	55.00
	ANIMAL RENDERING COMPANY, PHILADELPHIA, PA.				
2126	Arco Meat and Bone Scrap, -----	Lewis A. Brown, New Hope.	5.16	49.13	50.00
	THE BERG CO., INC., PHILADELPHIA, PA.				
2550	Berg's 3 Medal Poultry Meat and Bone Scrap.	The White Milling Co., Bloomsburg.	6.16	48.69	45.00
2030	Berg's 50% Protein Poultry Meat and Bone Scrap.	James L. Pennock & Co. Avondale.	5.48	51.06	50.00
2466	Berg's 50% Protein Poultry Meat and Bone Scrap.	Pittston Milling Co., Pittston.	5.79	53.13	50.00
1726	Berg's 55% Protein Poultry Meat and Bone Scrap.	Miner-Hillard Milling Co. Wilkes-Barre.	5.42	59.06	55.00
	CONSOLIDATED BY-PRODUCT COMPANY, PHILADELPHIA, PA.				
1824	Consolidated Beef and Bone Scrap,	Brothers & Tibbott, Ebensburg.	6.56	51.13	45.00
2693	Consolidated Beef and Bone Scrap,	Griffith Ellis, Indiana, --	5.93	46.94	45.00
1969	Consolidated Beef and Bone Scrap,	A. W. Gill, Atglen, ----	7.09	50.38	45.00
1876	Consolidated Beef and Bone Scrap,	Hefty Milling Co., Wat- sontown.	4.99	48.81	45.00

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
4.69	-----	8.09	-----	3 20	Bran, middlings, corn chop, alfalfa meal, oil meal, oats chop, gluten feed, beef scrap, charcoal, salt, powdered buttermilk.	Powdered buttermilk not detected. Found also rye middlings.	1749
5.34	5.00	5.25	9.00	2 85	Bran (with screenings not exceeding mill run), ground oats, corn meal, corn gluten feed, white wheat middlings, meat scrap and charcoal.	As certified, -----	2052
5.35	4.00	7.33	6.00	3 50	Corn meal, alfalfa meal, oil meal, wheat middlings, wheat bran, beef scrap and buttermilk.	As certified, -----	2555
4.90	-----	9.91	-----	3 00	Alfalfa meal, ground corn, ground oats, wheat middlings, wheat bran and beef scrap.	Found also bone, ----	1868
5.12	5.00	6.12	10.00	2 90	Wheat bran, fine corn feed meal, gluten feed, oat middlings, bean meal, Sugar Feed (bolted grain screenings and molasses), soy bean meal, malted wheat, linseed oil meal, alfalfa meal, fish meal, blood meal, precipitated phosphate and 1% salt.	As certified, -----	1746
9.36	6.00	1.90	5.00	53 00	Meat meal and bone scrap.	As certified, -----	2284
11.45	6.00	1.90	5.00	5 00	Meat meal and bone scrap.	As certified, -----	2049
11.40	6.00	2.21	5.00	60 00	Meat and bone scrap.	As certified, -----	2285
11.74	6.00	1.40	5.00	4 75	Meat and bone scrap.	As certified, -----	2264
13.92	11.00	1.82	3.00	4 00	Meat and bone scrap.	As certified, -----	2126
13.35	11.00	1.55	3.00	3 50	Meat and bone scrap.	As certified, -----	2550
12.80	11.00	1.43	2.00	5 00	Meat and bone scrap.	As certified, -----	2030
13.54	11.00	1.57	2.00	4 75	Meat and bone scrap.	As certified, -----	2466
12.45	11.00	1.00	2.00	4 25	Meat and bone scrap.	As certified, -----	1726
13.62	10.00	1.03	2.00	5 50	Beef and bone scrap.	As certified, -----	1824
11.44	10.00	1.43	2.00	4 50	Beef and bone scrap with dry yeast.	As certified, -----	2693
13.21	10.00	1.35	2.00	4 00	Beef and bone scrap.	As certified, -----	1969
12.55	10.00	1.68	2.00	4 25	Beef and bone scrap.	As certified, -----	1876

TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
2095	Consolidated Beef and Bone Scrap,	C. C. Hipple & Son,	6.50	50.75	45.00
	DARLING & CO., CHICAGO, ILL.	West Chester.			
2512	Darling's Meat Scraps for Poultry,	J. A. Gault Co., Kittan-	7.74	51.63	50.00
	JACOB DOLD PACKING COMPANY	ning.			
	BUFFALO, N. Y.				
2177	Dold Quality Meat and Bone Meal,	Bergin & Company, Nan-	8.72	50.63	46.00
		ticoke.			
2068	Dold Quality Meat and Bone Meal,	A. Dunn & Son, Tidi-	5.82	52.50	50.00
		oute.			
	FRITZ BROTHERS COMPANY,				
	FORT WASHINGTON, PA.				
1798	Fritz Brothers Pureox Meat Scraps	John B. Curry's Sons,	5.21	57.31	55.00
	and Bone.	Swatara.			
1807	Fritz Brothers Quaker City Quality	John G. Early & John	5.82	53.12	50.00
	Brand Meat Scraps and Bone.	A. Detweiler, Palmyra.			
1968	Fritz Brothers Quaker City Quality	A. W. Gill, Atglen, ---	5.53	48.75	50.00
	Brand Meat Scraps and Bone.				
2178	Quaker City Special Brand Beef	Bergin & Company,	5.21	45.31	45-50
	Scraps and Bone.	Nanticoke.			
1687	Quaker City Special Brand Beef	E. J. Rogers, Empor-	5.61	47.88	45-50
	Scraps and Bone.	ium.			
	HUGH J. HAZLEHURST, BALTI-				
	MORE, MD.				
1957	Terrapin Brand Meat Scraps, -----	S. Book & Brother,	5.03	47.94	50.00
		Quarryville.			
	INDEPENDENT MANUFACTURING				
	CO., PHILADELPHIA, PA.				
2097	Independent 50% Meat Scrap and	Great Valley Mills,	4.97	49.88	50.00
	Bone.	Paoli.			
	GEORGE LAMPARTER'S SONS.				
	LANCASTER, PA.				
2000	Red Rose Meat Scrap, -----	S. D. Rohrbaugh, Man-	5.38	61.19	57.00
		heim.			
	MAURER MANUFACTURING COM-				
	PANY, NEWARK, N. J.				
2500	Maurer's Standard Meat and Bone	J. O. Ryder, Matamoras,	7.44	50.00	45.00
	Scrap.				
	MUTUAL RENDERING CO., INC.,				
	PHILADELPHIA, PA.				
2188	Mureco Animal Products Meat and	Kingston Feed Mills,	5.48	50.75	50.00
	Bone Scraps for Poultry.	Kingston.			
	NOWAK MILLING CORPORA-				
	TION, BUFFALO, N. Y.				
2265	Meat Scraps, -----	H. M. Brown, Indiana,	2.83	49.63	-----
	PATUXENT GUANO COMPANY,				
	BALTIMORE, MD.				
1796	Patuxent Beef Scrap for Poultry,	John M. Burkholder,	5.37	59.69	55.00
		Hummelstown.			
	READING BONE FERTILIZER				
	COMPANY, READING, PA.				
2254	Reading Meat Meal, -----	Marion Center Milling	4.07	52.31	50-55
		Co., Marion Center.			
2501	J. O. RYDER, MATAMORAS, PA.	J. O. Ryder, Matamoras,	4.81	48.44	45.00
	Cackle Brand Meat and Bone Scrap,				
	M. L. SHOEMAKER & CO., INC.,				
	PHILADELPHIA, PA.				
2016	Shoemaker's Swift-Sure Ground Beef	S. H. Pennypacker &	4.65	54.06	55-65
	Scrap for Poultry.	Son, Kimberton.			

## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
13.15	10.00	1.47	2.00	4 00	Beef and bone scrap.	As certified, -----	2095
10.26	5.00	2.01	3.00	4 25	Meat product, ----	As certified, -----	2512
12.68	10.00	2.49	5.00	3 40	Meat and bone meal.	As certified, -----	2177
12.40	8.00	2.36	5.00	6 00	Scraps of meat cooked and dried.	As certified, -----	2068
11.40	10.00	1.80	2.00	4 40	Meat scraps and bone,	As certified, -----	1798
10.11	10.00	2.68	2.00	4 60	Meat scraps and bone,	As certified, -----	1807
12.44	10.00	1.45	2.00	4 00	Meat scraps and bone,	As certified, -----	1968
14.40	10-12	1.44	2.00	4 45	Beef scraps and bone,	As certified, -----	2178
11.23	10-12	1.53	2.00	5 00	Beef scraps and bone,	As certified, -----	1687
15.65	10.00	1.05	2.00	5 00	Meat scraps, -----	As certified, -----	1957
12.70	8.00	1.72	3.00	5 00	Meat scrap and bone,	As certified, -----	2097
16.95	17.00	1.90	2.00	4 50	Meat scrap, -----	As certified, -----	2000
13.82	12.00	2.36	-----	40 00	Meat and bone scrap,	As certified, -----	2500
15.25	10.00	1.23	2.00	5 00	Meat and bone scraps,	As certified, -----	2183
13.05	-----	1.50	-----	3 50	Meat scraps, -----	As certified, -----	2265
14.20	13.00	1.21	3.00	4 60	Beef scrap, -----	As certified, -----	1796
12.16	10-12	1.46	1-2	-----	Meat meal, -----	As certified, -----	2254
15.82	11.00	0.45	3.00	40 00	Meat and bone scrap,	As certified, -----	2501
10.89	10-12	1.70	1-2	4 00	Beef scrap, -----	As certified, -----	2016



TABLE IV—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
1725	JOHN T. STANLEY CO., INC., NEW YORK CITY, N. Y. Stanley's High Protein Meat Scraps for Poultry.	Miner-Hillard Milling Co., Wilkes-Barre.	5.63	47.88	45.00
1789	SWIFT & COMPANY, NEWARK, N. J. Swift's Eureka Meat and Bone Scraps.	John M. Burkholder, Hummelstown.	5.39	55.82	55.00
2219	Swift's Eureka Meat and Bone Scraps.	Community Flouring Mills, Berwick.	7.96	59.69	55.00
1962	Swift's Laymore Meat and Bone Scraps.	Fred L. & John E. Homsher, Strasburg.	4.90	46.00	45.00
1677	Swift's Laymore Meat and Bone Scraps.	Port Allegany Milling Co., Port Allegany.	4.91	47.06	45.00
1780	Swift's Laymore Meat and Bone Scraps.	Schooley & Son, Luzerne.	3.84	47.19	45.00
1842	Swift's Meat and Bone Scraps, ----	A. Davidson Feed Co., McKeesport.	5.81	50.50	50.00
1704	Swift's Meat and Bone Scraps, ----	Scureman Milling Co., Wilkes-Barre.	6.03	51.81	50.00
2617	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y. Vico High Protein Meat Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	5.42	61.25	55.00
2618	Vico Pure Ground Meat Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	5.71	47.06	45.00
1858	Vico Pure Ground Meat Scraps for Poultry.	George B. Phillips, Milton.	5.09	54.33	45.00
2274	Vico Quality Meat Scraps, -----	Danville Milling Co., Danville.	6.30	55.06	50.00
2503	Vico Quality Meat Scraps, -----	Wm. Gates Estate, Kit- tanning.	7.93	51.56	50.00
2537	Vico Quality Meat Scraps, -----	Ridgway Grist Mill, Ridgway.	6.61	53.00	50.00
	TANKAGE.	Average, -----	5.85	52.25	-----
1927	THE BERG COMPANY, INC., PHILADELPHIA, PA. Berg's 60% Protein Digester Tank- age Meat and Bone.	Ralph W. Snavelly, Christiana.	8.50	53.03	60.00
1802	FRITZ BROTHERS COMPANY, FORT WASHINGTON, PA. Digester Tankage, -----	John B. Curry's Sons, Swatara.	6.09	51.03	50.00
2353	HAIBACH BROTHERS, ERIE, PA. Tankage, -----	Halbach Brothers, Erie,	12.37	48.57	-----
1999	J. B. HERSHEY, MANHEIM, PA. Hershey's Grow or Bust Tankage,	S. D. Rohrbaugh, Man- heim.	3.43	57.44	50.00
1870	IDEAL RENDERING COMPANY, NORTH WALES, PA. Ideal Digester Tankage, -----	Hefty Milling Co., Wat- sontown.	6.87	48.88	50.00
2001	GEORGE LAMPARTER'S SONS, LANCASTER, PA. Red Rose Hog Tankage, -----	S. D. Rohrbaugh, Man- heim.	4.18	62.25	55.00
1790	PATUXENT GUANO COMPANY, BALTIMORE, MD. Patuxent Digester Tankage for Hogs.	John M. Burkholder, Hummelstown.	8.49	59.50	60.00
2109	ROBERT A. REICHARD, INC., ALLENTOWN, PA. Reichard's 40% Meat and Bone Tankage.	Edwin F. Stover, Per- kasie.	5.80	37.81	40.00



## FEEDING STUFFS COLLECTED IN 1924—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	\$			
10.66	10.00	2.07	-----	4 25	Meat scraps, -----	As certified, -----	1725
12.70	6.00	1.59	3.00	4 60	Meat and bone scraps,	As certified, -----	1739
12.98	6.00	1.15	3.00	4 50	Meat and bone scraps,	As certified, -----	2219
13.45	6.00	1.58	3.00	3 80	Meat and bone scraps,	As certified, -----	1962
16.50	6.00	1.63	3.00	5 00	Meat and bone scraps,	As certified, -----	1677
14.05	6.00	1.94	3.00	4 50	Meat and bone scraps,	As certified, -----	1780
12.16	6.00	1.21	3.00	5 00	Meat and bone scraps,	As certified, -----	1842
14.34	6.00	2.10	3.00	4 75	Meat and bone scraps,	As certified, -----	1704
13.24	5.00	2.13	3.00	4 00	Animal products, -----	Meat scrap, -----	2617
12.54	5.00	1.87	3.00	3 50	Animal products, -----	Meat scrap, -----	2618
12.55	5.00	2.39	3.00	5 50	Animal products, -----	Meat scrap. Trace of glass present.	1858
12.55	5.00	2.12	3.00	5 00	Animal products, -----	Meat scrap, -----	2274
12.45	5.00	2.54	3.00	4 50	Animal products, -----	Meat scrap, -----	2503
12.86	5.00	2.45	3.00	4 75	Animal products, -----	Meat scrap, -----	2537
12.88	-----	1.70	-----	\$86 44			
12.55	11.00	1.79	3.00	4 25	Digester Tankage, -----	As certified, -----	1927
10.31	10.00	1.66	-----	4 00	Digester tankage, -----	As certified, -----	1802
8.55	-----	2.53	-----	1 50	Beef bones, beef blood, beef tripe, hog bones, hog offals, calf bones, calf offals.	Fertilizer tankage with offensive odor.	2353
11.01	5.00	1.92	-----	3 85	-----	Digester tankage, -----	1999
20.07	13.00	1.29	2.00	4 25	Digester tankage, -----	As certified, -----	1870
19.79	16.00	1.30	2.00	4 00	Tankage, -----	As certified, -----	2001
7.16	6.00	2.96	5.00	4 00	Digester tankage, -----	As certified, -----	1790
15.86	10.00	3.93	6.00	2 75	Meat and bone tankage,	As certified, -----	2109

TABLE IV--ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	S. STRUNZ & SONS, INC., PITTSBURGH, PA.		%	%	%
2704	Feeding Tankage, -----	Webster Flour Mills, Webster.	6.96	58.81	60.00
	SWIFT & COMPANY, NEWARK, N. J.				
1994	Swift's Digester Tankage, -----	Brown & Rea, Atglen,	7.42	68.81	60.00
1803	Swift's Digester Tankage, -----	John B. Curry's Sons, Swatara.	5.10	58.13	60.00
1961	Swift's Gromeal for Hogs, -----	Fred L. & John E. Homsher, Strasburg.	8.30	58.63	50.00
	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.				
2616	Vico Digester Tankage for Hogs, --	Blank & Gottshall Co., Inc., Sunbury.	8.62	56.25	50.00
	WILSON & COMPANY, CHICAGO, ILL.				
1866	Red W. Digester Tankage, -----	Wolfe & Huffman, Wat- sontown.	7.91	62.19	60.00
		Average, -----	7.11	55.10	-----

## FEEDING STUFFS COLLECTED IN 1924—Concluded.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	#			
9.15	3.00	1.34	2.00	4 50	Tankage, -----	As certified, -----	2704
8.40	5.00	1.44	-----	3 80	Digester tankage, -----	As certified, -----	1994
10.54	5.00	1.50	3.00	4 00	Digester tankage, -----	As certified, -----	1803
9.44	3.00	1.79	5.00	3 75	Meat and bone meal.	Tankage, -----	1961
11.34	1.00	4.10	3.50	3 25	Animal products, -----	Digester tankage, -----	2616
8.75	6.00	2.97	3.00	4 25	Meat, blood and bone,	Digester tankage, -----	1866
11.64	-----	2.18	-----	\$3 73			











